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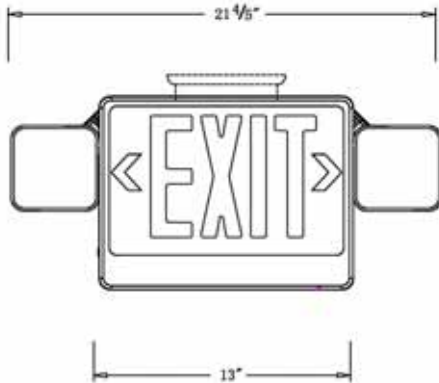
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LIGHTING

Combo LED Exit Emergency Light



- Combination Energy Saving LED Exit Sign and Emergency Lighting Unit In One Compact Design
- Completely Self-Contained
- Fully Automatic Operation
- Push to Test Switch
- Automatic, Low Voltage Disconnect (LVD)
- 120 or 277 VAC Operation
- Charge Rate/Power On LED Indicator Light
- 6-Volt 4.5AH Lead-Acid Maintenance-Free Battery Provides 90 minutes of Emergency Power
- Environmentally-Coated, Solid State Charger
- Injection-Molded, UL 94 V-O Flame Retardant, High Impact Thermoplastic Housing
- Standard with Two Fully Adjustable Glare-Free 5.4 Watt DC Long Life Lamp Heads
- Heads Rotate to Top or Side of Unit & 180° + for Maximum Flexibility in Field
- Universal J Box Mounting Canopy & 2 Face Plates for Side or Top Installation
- Models #73034 – 73037 have additional 12 Watt Remote Capability for up to 2 Additional Standard Remote Lighting Fixtures
- Base Unit (2 heads) - 4 hours operation
- 3 heads - 2 hours operation
- 4 heads - 1.5 hours operation
- Damp Location Rated
- UL 924



Cat No.	Led Color	Housing	Width	Depth	Height	Case Qty	Each
73030	Red	White	13.00"	2.50"	11.00"	4	
73031	Red	Black	13.00"	2.50"	11.00"	6	
73032	Green	White	13.00"	2.50"	11.00"	6	
73033	Green	Black	13.00"	2.50"	11.00"	6	

Remote Capable Units

Cat No.	LED Color	Housing	Width	Depth	Height	Case Qty	Each
73034	Red	White	13.00"	2.50"	11.00"	6	
73035	Red	Black	13.00"	2.50"	11.00"	6	
73036	Green	White	13.00"	2.50"	11.00"	6	
73037	Green	Black	13.00"	2.50"	11.00"	6	

Salida Face Plates

Cat No.	Lettering	Led Color	Housing	Each
73046	SALIDA	Red	White	



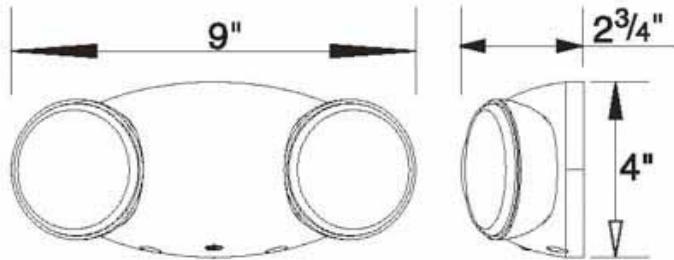
LIGHTING



Micro LED Emergency Light



- Fully adjustable, glare-free LED lamp heads
- LED Life Expectancy is more than 10 years
- Injection-molded, High Impact, UV-Stabilized
- UL 94 V-0 Thermoplastic - White Housing
- Snap-together construction speeds installation
- Universal J-box pattern mounting plate with quick connect features
- 120/277 V AC
- Test switch
- LED status indicator light
- Maintenance free, rechargeable NI-Cad battery
- 90 minutes of emergency power
- Damp location listed
- UL 924



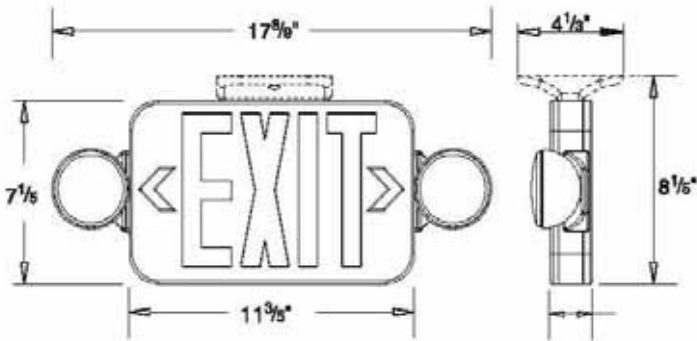
Cat No.	Color	Length	Depth	Height	Case Qty	Each
73118	White	9"	2.75"	4"	12	





LIGHTING

Micro Combo LED Exit Sign/Emergency Light LED Lamps



- Combination LED Energy Saving Exit Sign and LED Emergency Lighting Unit In One Compact Design
- **Long Life Energy Saving LED Lamps**
- Completely Self-Contained
- Fully Automatic Operation
- Push to Test Switch
- Automatic Low Voltage Disconnect (LVD)
- 120 or 277 VAC Operation
- Charge Rate/Power On LED Indicator Light
- Energy Consumption of Less than 4 Watts for Red letters and Less than 2 Watts for Green Letters
- Injection-Molded, UL 94 V-O Flame Retardant, High Impact, Thermoplastic Housing
- Fully Adjustable Glare-Free LED Lamps
Heads Rotate for Maximum Field Flexibility
- Universal Mounting Canopy for Top or Back J-box Installation & 2 Snap-fit Face Plates
- Field replaceable chevron directional indicators
- Integral wiring channels to facilitate installation
- 6-Volt Sealed Ni-Cad Rechargeable Maintenance-Free Battery
- Environmentally-Coated, Solid State Charger
- Damp Location Rated
- UL 924 Listed

Cat No.	Width	Depth	Height	Led Color	Housing	Case Qty	Each
73040	11.60"	2.00"	7.20"	Red	White	6	
73042	11.60"	2.00"	7.20"	Green	White	6	

AURORA Self-Seal SOLAR Roof Flashings



- Designed to flash around solar mounting systems
- Slips easily over Conduit - self-sealing to conduit surface
- Self-sealing elastomeric tear-out collar
- Collar will not crack, chip, peel or separate from metal base
- Eliminates caulking - no sealing compound required
- Absolutely leak-proof & fits most roof sizes
- Accommodates all conduit types - ie: PVC, Aluminum, steel

Cat No.	Size	L	W	Mat'l	Case Qty	Wt/Case	Each	1-17 Cases	18 Cases
G11830	1/2" - 1"	9"	12.5"	Galvanized	12	11			
G11831	1/2", 3/4", 1"	18"	18"	Galvanized	12	22.8			
G11833	1/2", 3/4", 1"	18"	18"	Aluminum	12	18.0			
G12801	1/2" - 1-1/2"	9.5"	12.5"	Galvanized	12	14.4			
G12802	1/2" - 1-1/2"	9.5"	12.5"	Aluminum	12	10.8			
G12803	1-1/2" - 3"	9.5"	12.5"	Galvanized	12	14.4			
G12804	1-1/2" - 3"	9.5"	12.5"	Aluminum	12	10.8			

SIDEFLASH Thermoplastic Self-Seal Wall Flashings



- Designed to seal around piping penetrations through outside walls
- Slips easily over vent pipe - self-sealing to vent pipe surface
- Self-sealing elastomeric collar attached to a durable flexible hard plastic base
- Collar will not crack, chip, peel or separate from base
- Eliminates caulking - prevents moisture intrusion - no sealing compound required
- Absolutely leak-proof & fits most wall constructions
- Seals against air penetration - reduces energy costs
- Prevents bug or vermin intrusion
- Accommodates all vent types - ie: plastic, copper, steel or cast iron

Cat No.	Size	L	W	Case Qty	Wt/Case	Each	1-17 Cases	18 Cases
G12805	1/2" - 2-1/2"	8"	8.5"	12	8.4			
G12806	3" - 6"	12"	12.5"	12	8.4			



GWG CEMENTS & ROOF FLASHINGS

Regular Bodied 303 Series Clear Cements



- Regular-bodied clear cement for all grades & types of PVC pipe and fittings up to 4" diameter for Sch. 40 pipe & up to 2" for Sch. 80 with interference fit
- Recommended application temperature 40°F to 110°F, Sets up quickly
- Low-Voc Compliant, Meets ASTM-D2564

Cat. No.	Size	Case Qty	Wt/Case	Each	1-17 Cases	18 Cases
G30366S	1/4 Pt.	24	9			
G30356S	1/2 Pt.	24	16			
G30346S	1 Pt.	24	27			
G30336S	1 Qt.	12	26			
G30324	1 Gal.	6	52			

Medium Bodied 404 Series Clear Cements



- Medium-bodied clear cement for PVC pipe and fittings up to 6" diameter for Sch. 40 and Sch. 80
- Recommended application temperature 40°F to 110°F
- Low-Voc Compliant, Meets ASTM-D2564

Cat. No.	Size	Case Qty	Wt/Case	Each	1-17 Cases	18 Cases
G40466S	1/4 Pt.	24	9			
G40456S	1/2 Pt.	24	16			
G40446S	1 Pt.	24	27			
G40436S	1 Qt.	12	26			
G40424	1 Gal.	6	52			

Medium Bodied 403 Series Gray Cements



- Medium-bodied gray cement for PVC pipe and fittings up to 6" diameter for Sch. 40 and Sch. 80
- Recommended application temperature 40°F to 110°F
- Low-Voc Compliant, Meets ASTM-D2564

Cat. No.	Size	Case Qty	Wt/Case	Each	1-17 Cases	18 Cases
G40366S	1/4 Pt.	24	9			
G40356S	1/2 Pt.	24	16			
G40346S	1 Pt.	24	27			
G40336S	1 Qt.	12	26			
G40324	1 Gal.	6	52			

Polar-Weld 2600 Series Fast Setting All Weather Clear Cements



- Medium-bodied clear cement for PVC pipe and fittings up to 6" diameter for Sch. 40 and Sch. 80
- Formulated for fast initial set-up at temperatures down to -15°F to 110°F
- Low-Voc Compliant, Meets ASTM-D2564

Cat. No.	Size	Case Qty	Wt/Case	Each	1-17 Cases	18 Cases
G2666S	1/4 Pt.	24	9			
G2656S	1/2 Pt.	24	16			
G2646S	1 Pt.	24	27			
G2636S	1 Qt.	12	26			
G2624	1 Gal.	6	52			

Plumb-Tite 2000 Series Wet Application Blue Cements



- Medium-bodied blue colored cement for PVC pipe and fittings up to 6" dia. Sch. 40 and Sch. 80
- Very fast setting cement formulated for wet conditions and/or quick pressurization and fast installation
- Fades to clear in sunlight
- Recommended application temperature 40° to 110°F
- Also for use on ENT Conduit
- Low-Voc Compliant, Meets ASTM-D2564

Cat. No.	Size	Case Qty	Wt/Case	Each	1-17 Cases	18 Cases
G2066S	1/4 Pt.	24	9			
G2056S	1/2 Pt.	24	16			
G2046S	1 Pt.	24	27			
G2036S	1 Qt.	12	26			
G2024	1 Gal.	6	52			



GWG CEMENTS & ROOF FLASHINGS

Heavy Bodied 204 Series Clear Cements



- Heavy-bodied very high strength clear industrial cement for high pressure, large diameter and critical applications
- For PVC pipe and fittings up to 12" diameter Sch. 40 & Sch. 80
- Heavy-Duty bond
- Thick formula fills gaps in large diameter pipe and loose fitting joints
- Slow dry time in high temp. applications
- Recommended application temperature 40°F to 110°F
- Low-Voc Compliant

Cat. No.	Size	Case Qty	Wt/Case	Each	1-17 Cases	18 Cases
G20436S	1 Qt.	12	26			
G20424	1 Gal.	6	52			

Purple Primers 903 Series



- Purple-tinted aggressive primer for use on PVC pipe and fittings
- Can be used with all schedules and diameters of pipe
- Softens the pipe surface to allow a fast, secure solvent weld
- Low-Voc Compliant, Meets NSF standards where required or specified

Cat. No.	Size	Case Qty	Wt/Case	Each	1-17 Cases	18 Cases
G90366S	1/4Pt.	24	9			
G90356S	1/2 Pt.	24	14			
G90346S	1 Pt.	24	25			
G90336S	1 Qt.	12	24			
G90324	1 Gal.	6	45			

Clear Primers 9300 Series



- A clear aggressive primer for use on PVC pipe
- Can be used with all schedules and diameters of pipe
- Softens the pipe in preparation for solvent cement
- Does not apply a purple stain to the conduit
- Low-Voc Compliant, Meets ASTM F-656

Cat. No.	Size	Case Qty	Wt/Case	Each	1-17 Cases	18 Cases
G9366S	1/4Pt.	24	9			
G9356S	1/2 Pt.	24	14			
G9346S	1 Pt.	24	25			
G9336S	1 Qt.	12	24			

Purple Primer/Cleaners 8800 Series



- Purple-tinted all purpose primer/cleaner for PVC pipe and fittings
- Can be used with all schedules and diameters of pipe
- Less aggressive than clear & purple primer
- Removes surface dirt, grease and grime and softens pipe in preparation for cement
- Low-Voc Compliant

Cat. No.	Size	Case Qty	Wt/Case	Each	1-17 Cases	18 Cases
G8856S	1/2 Pt.	24	14			
G8846S	1 Pt.	24	25			
G8836S	1 Qt.	12	24			
G8824	1 Gal.	6	45			

Clear Cleaners 803 Series



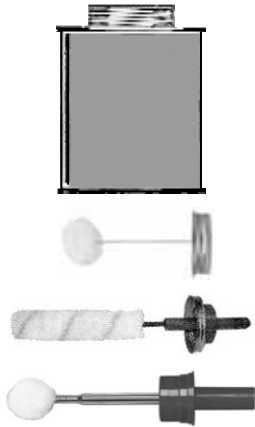
- Clear cleaner for PVC pipe and fittings
- Can be used with all schedules and diameters of pipe
- Flows freely & evaporates quickly
- Fast acting cleaner removes surface dirt, grease and grime
- Low-Voc Compliant

Cat. No.	Size	Case Qty	Wt/Case	Each	1-17 Cases	18 Cases
G80366S	1/4 Pt.	24	9			
G80356S	1/2 Pt..	24	16			
G80346S	1 Pt.	24	27			
G80336S	1 Qt.	12	26			
G80324	1 Gal.	6	52			



GWG CEMENTS & ROOF FLASHINGS

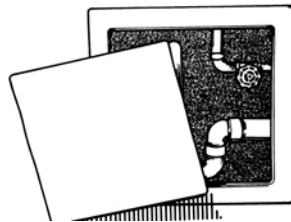
Solvent Cement and Primer Accessories



- G31305-G30901 Standard replacement cans
- G31309-G31275 Standard replacement daubers, swab applicator & roller specifically sized for cans
- G31300-G31301 Adjustable plastic daubers fit can sizes 1/2" thru quart, designed to adjust to various can dimensions and allows application of the proper amount of cement to ensure a good solvent weld

Cat. No.	Size	Case Qty	Wt/Case	Case Price
G31305	1/2 Pint Replacement Can	24	7	
G31306	Pint Replacement Can	24	7	
G31307	Quart Replacement Can	12	7	
G30901	Gallon Wide Mouth Replacement Can	6	10	
G31309	1/2 Pint Dauber	48	2	
G31310	Pint Dauber	48	2	
G31312	Quart Dauber	48	2	
G31276	12" Gallon Can Swab Applicator	12	8	
G31275	12" Gallon Can Roller Applicator	12	8	
G31300	Adjustable Plastic Dauber w/ 1/2" Ball	48	4	
G31301	Adjustable Plastic Dauber w/ 1" Ball	48	4	

Access Panels



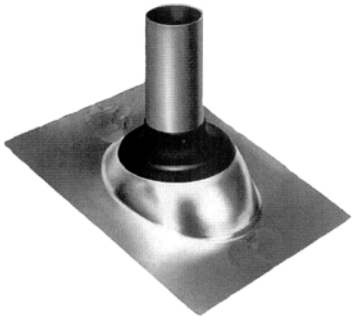
- Provides a service area for electrical, security systems, telephone, TV, computer cables, plumbing, and sprinkler system applications
- Reversible - can be flush mounted or surface mounted, no framing required
- Manufactured from high-impact ABS, White Textured surface
- UV Stabilized for outdoor use
- Can be painted, wallpapered or tiled to match any décor
- Patented clips on panel door & frame eliminates sagging or bowing of door in ceiling applications
- #34054, #34055 & #34045 have knockouts to accommodate wires, 1/4" waterlines, etc.

Cat. No.	Size	Case Qty	Wt/Case	Each	1-17 Cases	18 Cases
G34054	4" x 6"	12	4			
G34055	6" x 9"	6	5			
G34045	8" x 8"	6	12			
G34056	14" x 14"	6	12			
G34044	14" x 29"	6	15			



GWG CEMENTS & ROOF FLASHINGS

Galvanized Self-Seal Roof Flashings



- Made of rust-proof, stamped 24 guage galvanized steel

- Slips easily over vent pipe - self-sealing to vent pipe surface, 40° pitch
- Self-sealing elastomeric collar attached to a base of heavy gage aluminum
- Collar will not crack, chip, peel or separate from aluminum
- Eliminates caulking - no sealing compound required
- Absolutely leak-proof & fits most roof sizes
- Accommodates all vent types - ie: plastic, copper, steel or cast iron

G11830
commonly used in
Solar Applications

G12209 Multisize
Simply remove inner
ring at the indicated
point on collar

Cat No.	Size	L	W	Case Qty	Wt/Case	Each	1-17 Cases	18 Cases
G11830	1/2" - 1"	9"	12.5"	12	11			
G12201	1-1/4" - 1-1/2"	12.5"	9"	12	12			
G12202	2"	12.5"	9"	12	12			
G12203	3"	14.5"	11"	12	17			
G12204	4"	15"	12"	12	23			
G12209	1-1/2" - 2" - 3"	11"	14.5"	12	23			

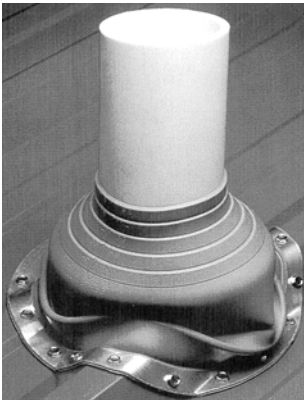
Rubber Flexible Flashings



- Rubber seizes the vent pipe with a locking grip preventing leakage entirely, 40° pitch
- One piece construction molded from military grade elastomer assures long life & all weather protection - will not crack, chip or peel; oil, ozone & sunlight (UV) resistant
- Highly adaptable product installs quickly & easily & adjusts to wide range of roof pitches, contours & surfaces
- Accommodates all vent types - ie: plastic, copper, steel or cast iron

Cat No.	Size	Case Qty	Wt/Case	Each	1-17 Cases	18 Cases
G30101	1-1/4" - 1-1/2"	12	6			
G30102	2"	12	7			
G14025	2-1/2"	12	8			
G30103	3"	12	9			
G30104	4"	12	13			

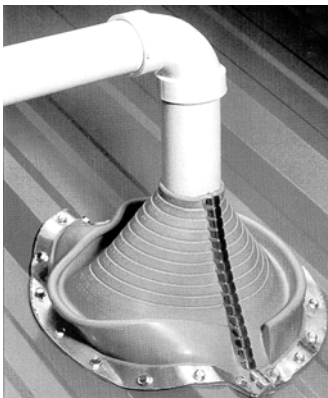
Metal Roof Flashings



- Attaches to most decks, aluminum, copper, lead, plastic, fiberglass, etc.
- Applications include plumbing, heating & air conditioning pipes & vents, electrical service entrances, etc.
- Flexible, weather resistant E.P.D.M. resists ozone & UV light
- Pleated cone adjusts to any roof pitch & allows for complete flexibility
- Effectively isolates the pipe from the building movement created by expansion, contraction & vibration
- 30°F - 250°F continuous service temperature range
- Compatible with pipes of steel, PVC, copper & sheet metal

Cat No.	Outside Diameter of Pipe to be Flashing	Base Diameter	Height	Case Qty	Wt/Case	Each	1-17 Cases	18 Cases
G14741	1/4" - 2"	4-3/4"	3"	10	2			
G14743	1/4" - 4"	7-3/4"	4"	5	4			

Retrofit Roof Flashings



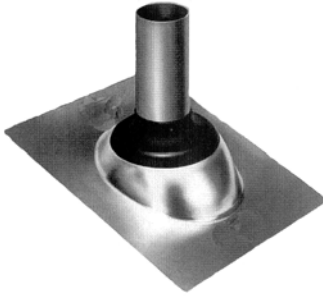
- Designed for applications where continuous pipes or obstructions prevent the use of standard flashings
- Easily installed by wrapping around existing pipe & fastening down onto roof deck
- The pliable cone & stainless steel closure can easily be trimmed to the exact diameter of pipe to be flashed
- Unique stainless steel closure effectively resists corrosion & provides a positive weatherproof seal
- Corrosion-resistant aluminum base can be easily shaped to conform to most roof profiles
- Made of flexible, weatherproof E.P.D.M. rubber
- Insulates the pipe from building movement caused by expansion, contraction, & vibration
- 30°F - 250°F continuous service temperature range
- Pipe diameter markings on the flexible cone in inches & millimeters

Cat No.	Outside Diameter of Pipe to be Flashing	Base Diameter	Case Qty	Wt/Case	Each	1-17 Cases	18 Cases
G14751	1/4" - 4"	8-3/16"	10	3			
G14752	4" - 9-1/4"	14-1/4"	5	6			



GWG CEMENTS & ROOF FLASHINGS

2 Piece Electrical Service Mast Flashings



- Self-sealing collar slides over pipe and requires no caulking for up to 40° pitch
- Collar unattaches from flashing base for Electrical Service Mast applications
- Rated 180°F continuous heat
- Collar and base are separate to allow for easier installation
- 18"x18" Rustproof Galvanized Base

Cat. No.	Size	Ctn. Qty.	Wt/Ctn	Each	1-17 Cases	18 Cases
G11536	1-1/4"	25	27			
G11549	1-1/2"	25	32			
G11552	2"	25	28			
G11565	2-1/2"	25	30			

Thermoplastic Base Self Seal Roof Flashings



- Self-sealing elastomeric collar attached to a sturdy thermoplastic base
- No caulking needed
- Absolutely leak proof
- Slips easily over pipe vent
- Self-sealing to vent pipe surface
- Self-adjusting to all roof pitches
- Base will not crack or warp
- Accommodates all vent pipe types - ie: plastic, copper, steel, cast iron, etc.

Cat. No.	Size	Case Qty	Wt/Case	Each	1-17 Cases	18 Cases
G14101	1-1/4" - 1-1/2"	12	6			
G14102	2" - 2-1/2"	12	6			
G14103	3"	12	6			
G14104	4"	12	9			

Master Boot Universal Roof Flashings



- Can be used with any type of roofing material, ie: asphalt, plastic, tile, rubber, metal, etc. (not for hot mopped or built-up roofs)
- Self-sealing stepcone boot made of premium grade E.P.D.M., which gives it maximum resistance to weathering due to ozone & UV light
- Flexible aluminum alloy rim assures a formed fit and corrosion resistance - excellent for ribbed metal roofs
- Provides a permanent seal that is unaffected by expansion/contraction, vibration, ice, snow, hailstones, etc.
- Installs in about 10 minutes
- Excellent for wall penetrations - weathertight and airtight, inside or outside
- Easily customized with sharp knife/scissors to accommodate a broad range of diameters
- Slides over vent pipe & conforms to any roof pitch

Cat. No.	Size	Case Qty	Wt/Case	Each	1-17 Cases	18 Cases
G16250	1/8" - 3/4"	12	3			
G16251	1/4" - 2"	6	2			
G16252	1-1/4" - 3"	6	3			
G16253	1/4" - 4"	6	4			

Light Cutting Oil



- Formulated for hand thread cutting machines
- Protection helps make sharp clean threads while extending the life of your dies
- Anti-mist and non-staining formula is not affected by weather

Cat. No.	Size	Case Qty	Wt/Case	Each	1-17 Cases	18 Cases
G30201	1 Qt.	12	26			
G30202	1 Gal.	6	50			

Dark Cutting Oil



- Formulated for high-speed cutting machines
- A special mixture of sulphonated and chlorinated oils provides high film strength
- Keeps machines running cooler and extends the life of your dies
- Anti-mist and non-staining formula is not affected by weather

Cat. No.	Size	Case Qty	Wt/Case	Each	1-17 Cases	18 Cases
G30204	1 Qt.	12	26			
G30205	1 Gal.	6	50			

AURORA Self-Seal SOLAR Roof Flashings



- Designed to flash around solar mounting systems
- Slips easily over Conduit - self-sealing to conduit surface
- Self-sealing elastomeric tear-out collar
- Collar will not crack, chip, peel or separate from metal base
- Eliminates caulking - no sealing compound required
- Absolutely leak-proof & fits most roof sizes
- Accommodates all conduit types - ie: PVC, Aluminum, steel

Cat No.	Size	L	W	Mat'l	Case Qty	Wt/Case	Each	1-17 Cases	18 Cases
G11830	1/2" - 1"	9"	12.5"	Galvanized	12	11			
G11831	1/2", 3/4", 1"	18"	18"	Galvanized	12	22.8			
G11833	1/2", 3/4", 1"	18"	18"	Aluminum	12	18.0			
G12801	1/2" - 1-1/2"	9.5"	12.5"	Galvanized	12	14.4			
G12802	1/2" - 1-1/2"	9.5"	12.5"	Aluminum	12	10.8			
G12803	1-1/2" - 3"	9.5"	12.5"	Galvanized	12	14.4			
G12804	1-1/2" - 3"	9.5"	12.5"	Aluminum	12	10.8			

SIDEFLASH Thermoplastic Self-Seal Wall Flashings



- Designed to seal around piping penetrations through outside walls
- Slips easily over vent pipe - self-sealing to vent pipe surface
- Self-sealing elastomeric collar attached to a durable flexible hard plastic base
- Collar will not crack, chip, peel or separate from base
- Eliminates caulking - prevents moisture intrusion - no sealing compound required
- Absolutely leak-proof & fits most wall constructions
- Seals against air penetration - reduces energy costs
- Prevents bug or vermin intrusion
- Accommodates all vent types - ie: plastic, copper, steel or cast iron

Cat No.	Size	L	W	Case Qty	Wt/Case	Each	1-17 Cases	18 Cases
G12805	1/2" - 2-1/2"	8"	8.5"	12	8.4			
G12806	3" - 6"	12"	12.5"	12	8.4			



POWER CONNECTORS

Black Insulated Connectors



Dual-Rated CU9AL
90°C 600V

- Insulated with rugged high-dielectric rubber/vinyl coating
- Pre-filled with oxide inhibitor
- Easy re-entry for changes, inspection or troubleshooting
- Plugs marked with connector max wire size for easy identification
- 6061 aluminum dual rated for use with copper and/or aluminum wires
- UL/CSA certified through 600MCM size
- One wire per terminal
- 97028 has 4 Screws

In-Line Splice

Dimension Measurements = Inches



Cat No.	Wire Range	Allen Hex	Length	Width	Height	Box Qty	Each
97020	2/0 -14	7/32	3.25	.87	1.52	6	
97021	250 - 6	5/16	4.00	1.13	2.25	6	
97022	350 - 6	5/16	4.63	1.25	2.75	4	
97024	600 - 4	5/16	5.63	1.50	3.00	4	
97028	750 - 250	1/2	7.30	1.69	3.43	1	

Single Entry Splice

Both wires enter same side



Cat No.	Wire Range	Allen Hex	Length	Height	Box Qty	Each
97102	4 - 14	1/8	1.20	1.45	12	
97106	2/0 - 14	7/32	1.69	1.50	6	

Dual Entry Splice

Optional wire entry from either side



Cat No.	Wire Range	Allen Hex	Length	Height	Box Qty	Each
97112	4 -14	1/8	1.20	1.45	12	
97116	2/0 - 14	7/32	1.55	1.50	6	
97118	250 - 6	5/16	2.13	2.10	6	
97120	350 - 6	5/16	2.47	2.50	4	
97122	600 - 4	5/16	2.96	2.90	4	
97124	750 - 250	5/16	3.50	3.60	2	

POWER CONNECTORS

Black Insulated Multi-Cable Connector - Single Entry



- Insulated with rugged high-dielectric rubber/vinyl coating
- Pre-filled with oxide inhibitor
- Easy re-entry for changes, inspection or troubleshooting
- Plugs marked with connector max wire size for easy identification
- 6061 aluminum dual rated for use with copper and/or aluminum wires
- One wire per terminal
- UL/CSA certified through 600MCM size



Dual-Rated CU9AL
90°C 600V

Dimension Measurements = Inches

Cat No.	Wire Ports	Wire Range	Allen Hex	Dimensions		Box Qty	Each
				Length	Height		
97513	3	4-14	1/8	1.54	1.45	12	
97514	4			1.97		6	
97516	6			2.82		4	
97518	8			3.65		4	
97533	3	2/0-14	7/32	2.34	1.50	6	
97534	4			3.01		6	
97535	5			3.69		4	
97536	6			4.36		4	
97537	7			4.74		3	
97538	8			5.41		3	
97543	3	250-6	5/16	2.99	2.10	4	
97544	4			3.85		4	
97545	5			4.71		3	
97546	6			5.57		3	
97547	7			6.43		2	
97548	8			7.29		2	
97553	3	350-6	5/16	3.52	2.50	4	
97554	4			4.57		3	
97555	5			5.62		3	
97556	6			6.67		2	
97557	7			7.72		2	
97558	8			8.77		2	
97563	3	600-4	5/16	4.89	2.90	3	
97564	4			5.63		2	
97565	5			7.11		2	
97566	6			8.47		2	
97567	7			9.83		2	
97568	8			11.18		2	
97573	3	750-250	5/16	4.90	3.60	3	
97574	4			6.19		1	
97575	5			7.75		1	
97576	6			9.18		1	
97577	7			10.60		1	
97578	8			12.03		1	



POWER CONNECTORS

Black Insulated Multi-Cable Connector - Dual Entry



- Insulated with rugged high-dielectric rubber/vinyl coating
- Pre-filled with oxide inhibitor
- Easy re-entry for changes, inspection or troubleshooting
- Plugs marked with connector max wire size for easy identification
- 6061 aluminum dual rated for use with copper and/or aluminum wires
- One wire per terminal
- UL/CSA certified through 600MCM size



Dual-Rated CU9AL
90°C 600V

Dimension Measurements = Inches

Cat No.	Wire Ports	Wire Range	Allen Hex	Dimensions Length	Dimensions Height	Box Qty	Each			
97613	3	4-14	1/8	1.54	1.45	12				
97614	4			1.97		6				
97616	6			2.82		3				
97618	8			3.65		3				
97633	3	2/0-14	7/32	2.34	1.50	6				
97634	4			3.01		6				
97635	5			3.69		4				
97636	6			4.36		4				
97637	7			5.05		3				
97638	8			5.72		3				
97639	9			6.37		1				
97640	10			7.03		1				
97641	11			7.76		1				
97642	12			8.40		1				
97643	3			250-6		5/16	2.99	2.10	4	
97644	4						3.85		4	
97645	5	4.71	3							
97646	6	5.57	3							
97647	7	6.43	2							
97648	8	7.29	2							
97649	9	8.15	1							
97650	10	9.01	1							
97651	11	9.87	1							
97652	12	10.73	1							
97653	3	350-6	5/16		3.52		2.50		4	
97654	4				4.57				3	
97655	5			5.62	3					
97656	6			6.67	2					

Cat No.	Wire Ports	Wire Range	Allen Hex	Dimensions Length	Dimensions Height	Box Qty	Each			
97657	7	350-6	5/16	7.72	2.50	2				
97658	8			8.77		2				
97659	9			9.82		1				
97660	10			10.87		1				
97661	11			11.92		1				
97662	12			12.97		1				
97663	3	600-4	5/16	4.39	2.90	3				
97664	4			5.63		2				
97665	5			7.11		2				
97666	6			8.47		2				
97667	7			9.83		2				
97668	8			11.18		2				
97669	9			12.53		1				
97670	10			13.88		1				
97671	11			15.23		1				
97672	12			16.58		1				
97673	3			750-250		5/16	4.90	3.60	3	
97674	4						6.19		1	
97675	5	7.75	1							
97676	6	9.18	1							
97677	7	10.60	1							
97678	8	12.03	1							
97679	9	13.46	1							
97680	10	14.88	1							
97681	11	16.30	1							
97682	12	17.73	1							



POWER CONNECTORS

Insulated Mountable - Single Entry



- Isolated bolt holes for mounting to trough, panel or wireway
- Insulated with rugged high-dielectric rubber/vinyl coating
- Pre-filled with oxide inhibitor
- Plugs marked with connector max wire size for easy identification
- 6061 aluminum dual rated for use with copper and/or aluminum wires
- One wire per terminal
- CSA Certified through 600MCM size



Dual-Rated CU9AL
90°C 600V

Dimension Measurements = Inches

Cat. No.	Wire Ports	Wire Range	Allen Hex	Bolt	Dimensions		Each
					Length	Height	
97712	2	4-14	1/8	#10	1.97	1.45	
97714	4				2.82		
97716	6				3.65		
97732	2				3.01		
97733	3	2/0-14	7/32	#12	3.69	1.50	
97734	4				4.36		
97735	5				4.74		
97736	6				5.41		
97742	2	250-6	5/16	1/4	3.85	2.10	
97743	3				4.71		
97744	4				5.57		
97745	5				6.43		
97746	6				7.29		
97752	2	350-6	5/16	5/16	4.57	2.50	
97753	3				5.62		
97754	4				6.67		
97755	5				7.72		
97756	6				8.77		
97762	2	600-4	5/16	5/16	5.63	2.90	
97763	3				7.11		
97764	4				8.47		
97765	5				9.83		
97766	6				11.18		
97772	2	750-250	3/8	3/8	6.19	3.60	
97773	3				7.75		
97774	4				9.18		
97775	5				10.60		
97776	6				12.03		



POWER CONNECTORS

Insulated Mountable - Dual Entry



- Isolated bolt holes for mounting to trough, panel or wireway
- Insulated with rugged high-dielectric rubber/vinyl coating
- Pre-filled with oxide inhibitor
- Plugs marked with connector max wire size for easy identification
- 6061 aluminum dual rated for use with copper and/or aluminum wires
- One wire per terminal
- CSA Certified through 600MCM size



Dual-Rated CU9AL
90°C 600V

Dimension Measurements = Inches

Cat No.	Wire Ports	Wire Range	Allen Hex	Bolt	Dimensions		Each
					Length	Height	
97812	2	4-14	1/8	#10	1.97	1.45	
97814	4				2.82		
97816	6				3.65		
97832	2	2/0-14	7/32	#12	3.01	1.50	
97833	3				3.69		
97834	4				4.36		
97835	5				5.05		
97836	6				5.72		
97837	7				6.37		
97838	8				7.03		
97839	9				7.76		
97840	10				8.40		
97842	2				250-6		5/16
97843	3	4.71					
97844	4	5.57					
97845	5	6.43					
97846	6	7.29					
97847	7	8.15					
97848	8	9.01					
97849	9	9.87					
97850	10	10.73					
97852	2	350-6	5/16	5/16		4.57	
97853	3				5.62		
97854	4				6.67		
97855	5				7.72		
97856	6				8.77		
97857	7				9.82		
97858	8				10.87		
97859	9				11.92		
97860	10				12.97		

Cat No.	Wire Ports	Wire Range	Allen Hex	Bolt	Dimensions		Each
					Length	Height	
97862	2	600-4	5/16	5/16	5.63	2.90	
97863	3				7.11		
97864	4				8.47		
97865	5				9.83		
97866	6				11.18		
97867	7				12.53		
97868	8				13.88		
97869	9				15.23		
97870	10				16.58		
97872	2				750-250		3/8
97873	3	7.75					
97874	4	9.18					
97875	5	10.60					
97876	6	12.03					
97877	7	13.46					
97878	8	14.88					
97879	9	16.30					
97880	10	17.73					

POWER CONNECTORS

Clear Insulated Multi-Cable Connector Blocks Wire Entry From Either Side



Multi-Cable Connector

Dimension Measurements = Inches

- Insulated aluminum body eliminates the need for time consuming manual taping, removable plugs provide easy access for installation. Reduce installation time.
- An easy to install, worry-free solution for insulating splices, taps, & terminations in meter centers & other multiple connection applications; one wire per terminal
- Multi-tap feature reduces the space needed for multiple installations
- PVC insulation reduces the likelihood & cost of power outages caused by improper or inconsistent insulated connections done manually in the field
- Clear insulation allows visual confirmation that conductor is properly inserted
- Single piece molded insulation is chemical and abrasion resistant and operates in temperature range of -49°F to 194°F (-45° to 90°C)
- 6061 aluminum dual rated for use with copper and/or aluminum wires
- Pre-filled with oxide inhibitor compound
- ANSI C119.4 & UL 486b listed, Rated 600 volts



Cat No.	No. of Ports	Wire Range	Length	Width	Height	Box Qty	Each
97312	2	4 - 14	1.13	1.63	1.31	12	
97314	3	4 - 14	1.56	1.63	1.31	12	
97316	4	4 - 14	2.06	1.63	1.31	6	
97318	5	4 - 14	2.56	1.63	1.31	6	
97320	6	4 - 14	3.06	1.63	1.31	6	
97322	8	4 - 14	4.06	1.63	1.31	4	
97352	2	2/0 - 14	1.63	1.75	1.38	6	
97354	3	2/0 - 14	2.38	1.75	1.38	6	
97356	4	2/0 - 14	3.13	1.75	1.38	6	
97358	5	2/0 - 14	3.88	1.75	1.38	4	
97360	6	2/0 - 14	4.63	1.75	1.38	4	
97362	8	2/0 - 14	6.13	1.75	1.38	3	
97392	2	250MCM - 6	2.13	2.63	2.13	6	
97394	3	250MCM - 6	3.13	2.63	2.13	6	
97396	4	250MCM - 6	4.13	2.63	2.13	6	
97398	5	250MCM - 6	5.00	2.63	2.13	4	
97400	6	250MCM - 6	6.00	2.63	2.13	4	
97402	8	250MCM - 6	8.00	2.63	2.13	3	
97412	2	350MCM - 10	2.25	3.13	2.50	3	
97414	3	350MCM - 10	3.25	3.13	2.50	3	
97416	4	350MCM - 10	4.25	3.13	2.50	3	
97418	5	350MCM - 10	5.25	3.13	2.50	3	
97420	6	350MCM - 10	6.25	3.13	2.50	2	
97422	8	350MCM - 10	8.25	3.13	2.50	2	
97432	2	500MCM - 6	2.88	3.38	2.75	3	
97434	3	500MCM - 6	4.13	3.38	2.75	3	
97436	4	500MCM - 6	5.38	3.38	2.75	3	
97438	5	500MCM - 6	6.63	3.38	2.75	2	
97440	6	500MCM - 6	7.88	3.38	2.75	2	
97442	8	500MCM - 6	10.38	3.38	2.75	2	

Underground Insulation Piercing Connectors



Before Torquing



After Torquing

Installation: Simple, Fast & Reliable

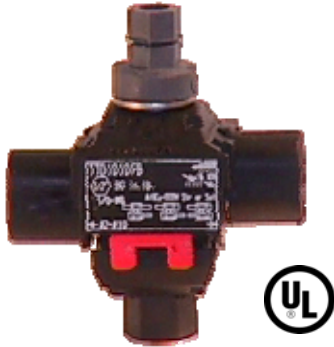
1. Loosen the shear-head bolt until the ribs are visible & so that the cable is not obstructed on entry
2. Apply a little grease from the connector to the end of the conductor & insert the conductor into the cable entry port making sure it is fully seated in the back of the connector
3. Tighten the bolt with a closed-end wrench or socket until the top shear-head breaks off
4. Check that conductors are secure by pulling them

- Fully submersible, completely waterproof connector
- Completely rubber overmolded body ensures no need for the installer to come into contact with bare metal conductor or the conductive material of the connector
- Double shear-head bolt guarantees correct torque tightening every time, ensuring a quality connection, & eliminating the possibility of hot spots, damaged wires or loose connections
- No cable stripping required, simply insert the jacketed cable into the entry port & tighten with a 1/2" 6 point socket

Cat No.	Torque in Inch lb.	Bolt Head Size	Number of Ports	Cable Range	Dimensions in Inches			Each
					H	W	L	
96142	185	1/2	2	12 - 350mcm	2.1	1.4	7.0	
96144	185	1/2	6	(2) @ 2-350 & (4) @ 6-4/0	2.5	4.0	8.4	

POWER CONNECTORS

Above Ground Insulation Piercing Connectors



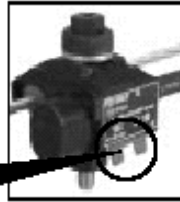
Red 'Turbo Spacer'
 Allows for main wire to be inserted & hand tightened, leaving the tap location completely open
 All models except 96102 & 96104

Red 'Turbo' Spacer

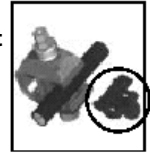
Installs In Just Minutes
 Saving Many Man-Hours On The Job

Eliminates Wire Stripping,
 Connecting & Taping of Split Bolts
 and Adding Inhibitor

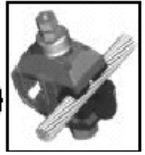
Can be installed on Energized
 Circuits eliminating Power
 Shutdowns



Blue Rubber Insert
 Recreates insulation when used on bare wire. Used to avoid any damage on neutral messenger.




Remove blue insert if main wire is insulated




Leave blue insert if main wire is bare

Only on Models 96106, 96110, 96112, 96114


1 - Determine direction for tap conductor to enter connector. Remove and discard extra end cap.



2 - Insert tap conductor, making sure conductor is fully seated in end cap.



3 - Place connector on main conductor & tighten the bolt with a closed-end wrench or socket until top shear-head breaks off.

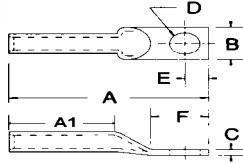


- Overhead services - both insulated & bare mains, above grade URD services, street lighting, non-tension splicing & tapping, insulated replacement for split bolts, tapping without cutting the main, gutter taps.
- Double shear-head bolt guarantees correct torque tightening every time, ensuring a quality connection, & eliminating the possibility of hot spots, damaged wires or loose connections
- No cable stripping required, simply insert the jacketed cable into the entry port & tighten with a 1/2" 6 point socket
- Turbo spacer allows tap side to remain open while you hand tighten the connector on the main wire (note models)
- The bolt and all external parts of the connector are completely isolated from energized parts and the bolt is covered by the plastic shear-head. The installer has no contact at any point with an energized part.
- Can be installed on energized conductors, however, the tap must not be under load.
- Corrosion-free connection is good for hot, cold, damp, & salty connections. Properly installed the connector seals water-tight. This is accomplished by a sealant tank, that during installation is compressed and forces sealant out to protect the connection from oxygen and water. Copper teeth are tin plated, shell is high strength UV resistant thermoplastic insulating material, steel bolts are galvanized.
- The connector bodies are made from high-strength fiber-reinforced thermoplastic and galvanized steel bolts
- UL486B Listed for cu to cu, al to al, & cu to al; 600 Volt, 194°F (90°C) Rated, Meets ANSI C119.4 requirements

Cat No.	Number Of Bolts	Torque in inch lbs.	Bolt Head Size	Conductor Range		Dimensions in Inches			Box Qty	Each
				Main AWG	Tap AWG	H	W	L		
96102	1	80	1/2	2/0 - 4	10 - 14	3.6	1.7	2.7	12	
96104	1	80	1/2	750 - 3/0	10 - 14	4.3	2.4	2.8	12	
96106	1	80	1/2	1/0 - 8	2 - 10	3.7	2.0	3.0	12	
96108	1	125	1/2	4/0 - 3	2 - 10	3.9	1.7	2.7	12	
96110	1	125	1/2	1/0 - 8	1/0 - 8	3.7	2.0	3.0	12	
96112	1	160	1/2	4/0 - 2	2/0 - 6	4.3	2.4	3.2	12	
96114	1	160	1/2	4/0 - 2	4/0 - 4	4.3	2.4	3.2	12	
96116	2	330	5/8	350 - 1/0	350 - 1/0	5.4	3.1	5.0	4	
96118	2	330	5/8	500 - 2/0	4/0 - 4	5.4	3.1	5.0	4	
96120	2	330	5/8	500 - 4/0	350 - 1/0	5.4	3.0	5.0	4	
96122	2	330	5/8	750 - 250	500 - 250	5.6	3.6	5.7	4	

POWER CONNECTORS

Aluminum 1 Hole Compression Lugs



Dimension Measurements = Inches & (Millimeters)

- Lugs accept both aluminum and copper conductors
- Connector bores are coated with oxide inhibitor & capped
- Made of high-conductivity seamless aluminum
- Uniform bright electro-tin plating resists corrosion, reduces contact resistance and gives you maximum conductivity
- Color Coded for easy identification
- Marked with die index
- Crimp marks indicate proper crimp locations
- UL486B Listed AL9CU
- Listed for 35 KV when properly installed



Cat No.	Wire Range	Stud Size	Color Code	Box Qty	Inside Diameter	Outside Diameter	A	A1	B	C	D	E	F	Each
93008	8 Str.	1/4	Blue	20	.18(4.6)	.31(7.9)	1.81(45.9)	.56(14.2)	.63(16.0)	.09(2.2)	.28(7.1)	.31(7.8)	.81(20.5)	
93010	6 Str.	1/4	Gray	50	.20(5.1)	.34(8.6)	2.01(51.0)	.86(21.8)	.57(14.4)	.10(2.5)	.25(6.3)	.38(9.6)	.88(22.3)	
93012	6 Str.	5/16	Gray	50	.20(5.1)	.34(8.6)	2.01(51.0)	.86(21.8)	.57(14.4)	.10(2.5)	.33(8.3)	.38(9.6)	.88(22.3)	
93014	6 Str.	3/8	Gray	50	.20(5.1)	.34(8.6)	2.05(52.0)	.86(21.8)	.65(16.5)	.08(2.0)	.41(10.4)	.38(9.6)	.88(22.3)	
93016	4 Str.	1/4	Green	30	.25(6.4)	.44(11.2)	2.31(58.6)	1.1(27.9)	.57(14.4)	.19(4.8)	.25(6.3)	.38(9.6)	.88(22.3)	
93018	4 Str.	5/16	Green	30	.25(6.4)	.44(11.2)	2.31(58.6)	1.1(27.9)	.57(14.4)	.19(4.8)	.33(8.3)	.38(9.6)	.88(22.3)	
93020	4 Str.	3/8	Green	30	.25(6.4)	.44(11.2)	2.39(60.7)	1.1(27.9)	.65(16.5)	.15(3.8)	.41(10.4)	.38(9.6)	.88(22.3)	
93022	2 Str.	1/4	Pink	30	.31(7.9)	.53(13.5)	2.50(63.5)	1.2(30.5)	.71(18.0)	.22(5.5)	.25(6.3)	.38(9.6)	.88(22.3)	
93024	2 Str.	5/16	Pink	30	.31(7.9)	.53(13.5)	2.50(63.5)	1.2(30.5)	.71(18.0)	.22(5.5)	.33(8.3)	.38(9.6)	.88(22.3)	
93026	2 Str.	3/8	Pink	30	.31(7.9)	.53(13.5)	2.50(63.5)	1.2(30.5)	.71(18.0)	.22(5.5)	.41(10.4)	.38(9.6)	.88(22.3)	
93028	1 Str.	1/4	Gold	15	.35(8.9)	.53(13.5)	2.50(63.5)	1.2(30.5)	.73(18.5)	.18(4.5)	.25(6.3)	.38(9.6)	.88(22.3)	
93030	1 Str.	5/16	Gold	15	.35(8.9)	.53(13.5)	2.50(63.5)	1.2(30.5)	.73(18.5)	.18(4.5)	.33(8.3)	.38(9.6)	.88(22.3)	
93032	1 Str.	3/8	Gold	15	.35(8.9)	.53(13.5)	2.50(63.5)	1.2(30.5)	.73(18.5)	.18(4.5)	.41(10.4)	.38(9.6)	.88(22.3)	
93034	1/0 Str.	1/4	Tan	20	.39(9.9)	.63(16.0)	2.81(71.3)	1.2(30.5)	.85(21.5)	.24(6.1)	.25(6.3)	.50(12.7)	.93(23.6)	
93036	1/0 Str.	5/16	Tan	20	.39(9.9)	.63(16.0)	2.81(71.3)	1.2(30.5)	.85(21.5)	.24(6.1)	.33(8.3)	.50(12.7)	.93(23.6)	
93038	1/0 Str.	3/8	Tan	20	.39(9.9)	.63(16.0)	2.81(71.3)	1.2(30.5)	.85(21.5)	.24(6.1)	.41(10.4)	.50(12.7)	.93(23.6)	
93039	1/0 Str.	1/2	Tan	20	.39(9.9)	.63(16.0)	2.81(71.3)	1.2(30.5)	.85(21.5)	.24(6.1)	.51(12.9)	.50(12.7)	.93(23.6)	
93040	2/0 Str.	1/4	Olive	20	.44(11.2)	.69(17.5)	2.81(71.3)	1.3(33.0)	.94(23.8)	.24(6.1)	.25(6.3)	.50(12.7)	1.12(28.4)	
93042	2/0 Str.	5/16	Olive	20	.44(11.2)	.69(17.5)	2.81(71.3)	1.3(33.0)	.94(23.8)	.24(6.1)	.33(8.3)	.50(12.7)	1.12(28.4)	
93044	2/0 Str.	3/8	Olive	20	.44(11.2)	.69(17.5)	2.81(71.3)	1.3(33.0)	.94(23.8)	.24(6.1)	.41(10.4)	.50(12.7)	1.12(28.4)	
93046	2/0 Str.	1/2	Olive	20	.44(11.2)	.69(17.5)	2.81(71.3)	1.3(33.0)	.94(23.8)	.24(6.1)	.51(12.9)	.50(12.7)	1.12(28.4)	
93048	3/0 Str.	1/4	Ruby	15	.48(12.2)	.76(19.3)	3.00(76.2)	1.4(35.6)	1.03(26.1)	.28(7.1)	.25(6.3)	.50(12.7)	1.12(28.4)	
93050	3/0 Str.	5/16	Ruby	15	.48(12.2)	.76(19.3)	3.00(76.2)	1.4(35.6)	1.03(26.1)	.28(7.1)	.33(8.3)	.50(12.7)	1.12(28.4)	
93052	3/0 Str.	3/8	Ruby	15	.48(12.2)	.76(19.3)	3.00(76.2)	1.4(35.6)	1.03(26.1)	.28(7.1)	.41(10.4)	.50(12.7)	1.12(28.4)	
93054	3/0 Str.	1/2	Ruby	15	.48(12.2)	.76(19.3)	3.00(76.2)	1.4(35.6)	1.03(26.1)	.28(7.1)	.51(12.9)	.50(12.7)	1.12(28.4)	
93056	4/0 Str.	1/4	White	10	.55(14.0)	.84(21.3)	3.43(87.1)	1.4(35.6)	1.15(29.2)	.29(7.3)	.25(6.3)	.56(14.2)	1.31(33.2)	
93058	4/0 Str.	5/16	White	10	.55(14.0)	.84(21.3)	3.43(87.1)	1.4(35.6)	1.15(29.2)	.29(7.3)	.33(8.3)	.56(14.2)	1.31(33.2)	
93060	4/0 Str.	3/8	White	10	.55(14.0)	.84(21.3)	3.43(87.1)	1.4(35.6)	1.15(29.2)	.29(7.3)	.41(10.4)	.56(14.2)	1.31(33.2)	
93062	4/0 Str.	1/2	White	10	.55(14.0)	.84(21.3)	3.43(87.1)	1.4(35.6)	1.15(29.2)	.29(7.3)	.51(12.9)	.56(14.2)	1.31(33.2)	
93064	250MCM	3/8	Red	9	.59(15.0)	.92(23.4)	3.50(88.9)	1.5(38.1)	1.26(32.0)	.32(8.1)	.41(10.4)	.63(16.0)	1.31(33.2)	
93066	250MCM	1/2	Red	9	.59(15.0)	.92(23.4)	3.50(88.9)	1.5(38.1)	1.26(32.0)	.32(8.1)	.51(12.9)	.63(16.0)	1.31(33.2)	
93067	300MCM	5/16	Blue	9	.65(16.5)	1.01(25.7)	4.00(101.6)	1.6(40.6)	1.37(34.8)	.35(8.8)	.33(8.3)	.63(16.0)	1.50(38.1)	
93068	300MCM	3/8	Blue	9	.65(16.5)	1.01(25.7)	4.00(101.6)	1.6(40.6)	1.37(34.8)	.35(8.8)	.41(10.4)	.63(16.0)	1.50(38.1)	
93070	300MCM	1/2	Blue	9	.65(16.5)	1.01(25.7)	4.00(101.6)	1.6(40.6)	1.37(34.8)	.35(8.8)	.51(12.9)	.63(16.0)	1.50(38.1)	
93072	350MCM	3/8	Brown	6	.72(18.3)	1.12(28.4)	4.25(107.9)	1.9(48.3)	1.52(38.6)	.39(9.9)	.41(10.4)	.69(17.5)	1.50(38.1)	
93074	350MCM	1/2	Brown	6	.72(18.3)	1.12(28.4)	4.25(107.9)	1.9(48.3)	1.52(38.6)	.39(9.9)	.51(12.9)	.69(17.5)	1.50(38.1)	
93076	400MCM	3/8	Green	6	.76(19.3)	1.19(30.2)	4.6(118.8)	2.3(58.4)	1.61(40.8)	.42(10.6)	.41(10.4)	.69(17.5)	1.50(38.1)	
93078	400MCM	1/2	Green	6	.76(19.3)	1.19(30.2)	4.6(118.8)	2.3(58.4)	1.61(40.8)	.42(10.6)	.51(12.9)	.69(17.5)	1.50(38.1)	
93080	500MCM	3/8	Pink	6	.84(21.3)	1.32(33.5)	4.75(120.6)	2.5(63.5)	1.79(45.4)	.47(11.9)	.41(10.4)	.75(19.0)	1.50(38.1)	
93082	500MCM	1/2	Pink	6	.84(21.3)	1.32(33.5)	4.75(120.6)	2.5(63.5)	1.79(45.4)	.47(11.9)	.51(12.9)	.75(19.0)	1.50(38.1)	
93084	500MCM	5/8	Pink	6	.84(21.3)	1.32(33.5)	4.75(120.6)	2.5(63.5)	1.79(45.4)	.47(11.9)	.67(17.0)	.75(19.0)	1.50(38.1)	
93086	600MCM	5/8	Black	4	.92(23.4)	1.44(36.6)	5.12(130.0)	2.6(66.0)	1.96(49.7)	.51(12.9)	.67(17.0)	.75(19.0)	1.87(47.5)	
93088	750MCM	5/8	Yellow	4	1.03(26.2)	1.60(40.6)	6.12(155.4)	3.2(81.3)	2.19(55.6)	.55(13.9)	.67(17.0)	.94(23.8)	2.00(50.8)	

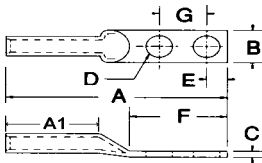


POWER CONNECTORS

Aluminum Long Barrel 2 Hole Compression Lugs



- Lugs accept both aluminum and copper conductors
- Connector bores are coated with oxide inhibitor & capped
- Made of high-conductivity seamless aluminum
- Uniform bright electro-tin plating resists corrosion, reduces contact resistance and gives you maximum conductivity
- Color Coded for easy identification
- Marked with die index
- Crimp marks indicate proper crimp locations
- UL486B Listed AL9CU
- Listed for 35 KV when properly installed



Dimension Measurements = Inches & (Millimeters)



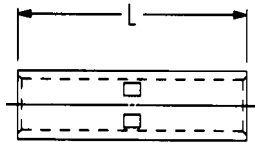
Cat No.	Wire Range	Stud Size	Color Code	Box Qty	Inside Diameter	Outside Diameter	A	A1	B	C	D	E	F	G	Each
93110	1/0 Str.	3/8	Tan	10	.39(9.91)	.63(16.00)	3.50(88.9)	1.2(30.5)	.85(21.5)	.24(6.1)	.41(10.4)	.38(9.6)	1.87(47.5)	1.00(25.4)	
93111	1/0 Str.	1/2	Tan	20	.39(9.91)	.63(16.00)	4.75(120.6)	1.2(30.5)	.85(21.5)	.24(6.1)	.51(12.9)	.63(16.0)	3.12(79.2)	1.75(44.4)	
93112	2/0 Str.	1/2	Olive	20	.44(11.18)	.69(17.53)	4.80(121.9)	1.3(33.0)	.94(23.8)	.24(6.1)	.51(12.9)	.63(16.0)	3.12(79.2)	1.75(44.4)	
93114	3/0 Str.	1/2	Ruby	20	.48(12.19)	.76(19.30)	5.00(127.0)	1.4(35.6)	1.03(26.1)	.28(7.1)	.51(12.9)	.63(16.0)	3.12(79.2)	1.75(44.4)	
93116	4/0 Str.	1/2	White	12	.55(13.97)	.84(21.34)	5.25(133.3)	1.4(35.6)	1.15(29.2)	.29(7.3)	.51(12.9)	.63(16.0)	3.12(79.2)	1.75(44.4)	
93118	250 MCM	1/2	Red	12	.59(14.99)	.92(23.37)	5.31(134.8)	1.5(38.1)	1.26(32.0)	.32(8.1)	.51(12.9)	.63(16.0)	3.12(79.2)	1.75(44.4)	
93120	300 MCM	1/2	Blue	9	.65(16.51)	1.01(25.65)	5.50(139.7)	1.6(40.6)	1.37(34.8)	.35(8.8)	.51(12.9)	.63(16.0)	3.12(79.2)	1.75(44.4)	
93122	350 MCM	1/2	Brown	6	.72(18.29)	1.12(28.45)	5.87(149.1)	1.9(48.3)	1.52(38.6)	.39(9.9)	.51(12.9)	.63(16.0)	3.12(79.2)	1.75(44.4)	
93124	400 MCM	1/2	Green	6	.76(19.30)	1.19(30.23)	6.43(163.3)	2.3(58.4)	1.61(40.8)	.42(10.6)	.51(12.9)	.63(16.0)	3.12(79.2)	1.75(44.4)	
93126	500 MCM	1/2	Pink	6	.84(21.34)	1.32(33.53)	6.50(165.1)	2.5(63.5)	1.79(45.4)	.47(11.9)	.51(12.9)	.63(16.0)	3.12(79.2)	1.75(44.4)	
93128	600 MCM	1/2	Black	4	.92(23.37)	1.44(36.58)	6.75(171.4)	2.6(66.0)	1.96(49.7)	.51(12.9)	.51(12.9)	.63(16.0)	3.12(79.2)	1.75(44.4)	
93130	750 MCM	1/2	Yellow	4	1.03(26.16)	1.60(40.64)	7.37(187.2)	3.2(81.3)	2.19(55.6)	.55(13.9)	.51(12.9)	.63(16.0)	3.12(79.2)	1.75(44.4)	

POWER CONNECTORS

Aluminum Long Barrel Compression Splices



- Lugs accept both aluminum and copper conductors
- Connector bores are coated with oxide inhibitor & capped
- Center stop assures proper cable installation
- Made of high-conductivity seamless aluminum
- Uniform bright electro-tin plating resists corrosion, reduces contact resistance and gives you maximum conductivity
- Color Coded for easy identification
- Marked with die index
- Crimp marks indicate proper crimp locations
- UL486B Listed AL9CU
- Listed for 35 KV when properly installed

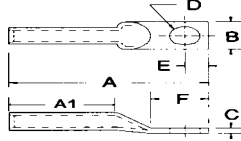


Dimension Measurements = Inches & (Millimeters)

Cat No.	Wire Range	Color Code	Box Qty	Inside Diameter	Outside Diameter	Length	Each
93208	8 Str.	Blue	50	.18(4.5)	.31(7.3)	1.50(38.1)	
93210	6 Str.	Gray	50	.20(5.0)	.34(8.6)	1.63(41.4)	
93212	4 Str.	Green	30	.25(6.3)	.44(11.1)	2.00(50.8)	
93214	2 Str.	Pink	30	.31(7.8)	.53(13.4)	2.38(60.4)	
93216	1 Str.	Gold	15	.35(8.8)	.53(13.4)	2.38(60.4)	
93218	1/0 Str.	Tan	20	.39(9.9)	.63(16.0)	2.50(63.5)	
93220	2/0 Str.	Olive	20	.44(11.1)	.69(17.5)	2.63(66.8)	
93222	3/0 Str.	Ruby	15	.48(12.2)	.76(19.3)	2.88(73.1)	
93224	4/0 Str.	White	10	.55(13.9)	.84(21.3)	3.13(79.5)	
93226	250 MCM	Red	9	.59(14.9)	.92(23.3)	3.25(82.5)	
93228	300 MCM	Blue	9	.65(16.5)	1.01(25.6)	3.25(82.5)	
93230	350 MCM	Brown	6	.72(18.2)	1.12(28.4)	3.88(98.5)	
93232	400 MCM	Green	6	.76(19.3)	1.19(30.2)	4.88(123.9)	
93234	500 MCM	Pink	6	.84(21.3)	1.32(33.5)	5.00(127.0)	
93236	600 MCM	Black	4	.92(23.3)	1.44(36.5)	5.13(130.3)	
93238	750 MCM	Yellow	4	1.03(26.1)	1.60(40.6)	5.38(136.6)	

POWER CONNECTORS

Copper 1 Hole Short Barrel Compression Lugs



Dimension Measurements = Inches & (Millimeters)



- Made of high-conductivity copper tubing
- Uniform bright electro-tin plating resists corrosion, reduces contact resistance and gives you maximum conductivity
- Crimp marks indicate proper crimp locations
- Marked with die index and color codes for easy identification
- UL 486A Listed
- Listed for 35 KV when properly installed

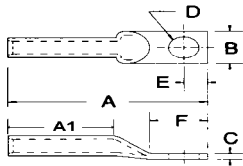
Cat No.	Wire Range	Stud Size	Color Code	Box Qty	Inside Diameter	Outside Diaeter	A	A1	B	C	D	E	F	Each
94010	8 Str.	#10	Red	80	.172(4.4)	.272(6.9)	1.34(34.0)	.44(11.2)	.42(10.7)	.08(2.0)	.21(5.3)	.29(7.4)	.65(16.5)	
94012	8 Str.	1/4	Red	80	.172(4.4)	.272(6.9)	1.34(34.0)	.44(11.2)	.42(10.7)	.08(2.0)	.25(6.4)	.29(7.4)	.65(16.5)	
94016	6 Str.	#10	Blue	60	.203(5.2)	.297(7.5)	1.77(45.0)	.81(20.6)	.42(10.7)	.08(2.1)	.21(5.3)	.31(7.9)	.69(17.5)	
94018	6 Str.	1/4	Blue	60	.203(5.2)	.297(7.5)	1.77(45.0)	.81(20.6)	.42(10.7)	.08(2.1)	.25(6.4)	.31(7.9)	.69(17.5)	
94020	6 Str.	5/16	Blue	60	.203(5.2)	.297(7.5)	1.77(45.0)	.81(20.6)	.49(12.4)	.07(1.7)	.33(8.4)	.31(7.9)	.69(17.5)	
94024	4 Str.	#10	Gray	45	.250(6.4)	.344(8.7)	1.81(46.0)	.81(20.6)	.49(12.4)	.09(2.2)	.21(5.3)	.36(9.1)	.75(19.1)	
94026	4 Str.	1/4	Gray	45	.250(6.4)	.344(8.7)	1.81(46.0)	.81(20.6)	.49(12.4)	.09(2.2)	.25(6.4)	.36(9.1)	.75(19.1)	
94028	4 Str.	5/16	Gray	45	.250(6.4)	.344(8.7)	1.81(46.0)	.81(20.6)	.49(12.4)	.09(2.2)	.33(8.4)	.36(9.1)	.75(19.1)	
94030	4 Str.	3/8	Gray	45	.250(6.4)	.344(8.7)	1.81(46.0)	.81(20.6)	.56(14.2)	.08(2.0)	.41(10.5)	.36(9.1)	.75(19.1)	
94034	2 Str.	1/4	Brown	25	.315(8.0)	.422(10.7)	1.93(49.0)	.88(22.4)	.60(15.3)	.10(2.6)	.25(6.4)	.37(9.4)	.81(20.6)	
94036	2 Str.	5/16	Brown	25	.315(8.0)	.422(10.7)	1.93(49.0)	.88(22.4)	.60(15.3)	.10(2.6)	.33(8.4)	.37(9.4)	.81(20.6)	
94038	2 Str.	3/8	Brown	25	.315(8.0)	.422(10.7)	1.93(49.0)	.88(22.4)	.60(15.3)	.10(2.6)	.41(10.5)	.37(9.4)	.81(20.6)	
94042	1 Str.	1/4	Green	20	.360(9.1)	.469(11.9)	2.01(51.0)	.88(22.4)	.67(17.1)	.11(2.7)	.25(6.4)	.37(9.4)	.81(20.6)	
94044	1 Str.	5/16	Green	20	.360(9.1)	.469(11.9)	2.01(51.0)	.88(22.4)	.67(17.1)	.11(2.7)	.33(8.4)	.37(9.4)	.81(20.6)	
94046	1 Str.	3/8	Green	20	.360(9.1)	.469(11.9)	2.01(51.0)	.88(22.4)	.67(17.1)	.11(2.7)	.41(10.5)	.37(9.4)	.81(20.6)	
94050	1/0 Str.	1/4	Pink	12	.390(9.9)	.520(13.2)	2.01(51.0)	.88(22.4)	.74(18.9)	.13(3.2)	.25(6.4)	.37(9.4)	.81(20.6)	
94052	1/0 Str.	5/16	Pink	12	.390(9.9)	.520(13.2)	2.01(51.0)	.88(22.4)	.74(18.9)	.13(3.2)	.33(8.4)	.37(9.4)	.81(20.6)	
94054	1/0 Str.	3/8	Pink	12	.390(9.9)	.520(13.2)	2.01(51.0)	.88(22.4)	.74(18.9)	.13(3.2)	.41(10.5)	.37(9.4)	.81(20.6)	
94058	2/0 Str.	1/4	Black	10	.441(11.2)	.563(14.3)	2.32(59.0)	.94(23.9)	.81(20.7)	.12(3.0)	.25(6.4)	.48(12.2)	1.06(26.9)	
94060	2/0 Str.	5/16	Black	10	.441(11.2)	.563(14.3)	2.32(59.0)	.94(23.9)	.81(20.7)	.12(3.0)	.33(8.4)	.48(12.2)	1.06(26.9)	
94062	2/0 Str.	3/8	Black	10	.441(11.2)	.563(14.3)	2.32(59.0)	.94(23.9)	.81(20.7)	.12(3.0)	.41(10.5)	.48(12.2)	1.06(26.9)	
94064	2/0 Str.	1/2	Black	10	.441(11.2)	.563(14.3)	2.32(59.0)	.94(23.9)	.81(20.7)	.12(3.0)	.51(13.0)	.48(12.2)	1.06(26.9)	
94066	3/0 Str.	1/4	Orange	20	.492(12.5)	.622(15.8)	2.52(64.0)	1.0(25.4)	.90(22.9)	.13(3.2)	.25(6.4)	.48(12.2)	1.06(26.9)	
94068	3/0 Str.	5/16	Orange	20	.492(12.5)	.622(15.8)	2.52(64.0)	1.0(25.4)	.90(22.9)	.13(3.2)	.33(8.4)	.48(12.2)	1.06(26.9)	
94070	3/0 Str.	3/8	Orange	20	.492(12.5)	.622(15.8)	2.52(64.0)	1.0(25.4)	.90(22.9)	.13(3.2)	.41(10.5)	.48(12.2)	1.06(26.9)	
94072	3/0 Str.	1/2	Orange	20	.492(12.5)	.622(15.8)	2.52(64.0)	1.0(25.4)	.90(22.9)	.13(3.2)	.51(13.0)	.48(12.2)	1.06(26.9)	
94074	4/0 Str.	1/4	Purple	20	.547(13.9)	.688(17.5)	2.52(64.0)	1.00(25.4)	1.00(25.4)	.13(3.4)	.25(6.4)	.48(12.2)	1.06(26.9)	
94076	4/0 Str.	5/16	Purple	20	.547(13.9)	.688(17.5)	2.52(64.0)	1.00(25.4)	1.00(25.4)	.13(3.4)	.33(8.4)	.48(12.2)	1.06(26.9)	
94078	4/0 Str.	3/8	Purple	20	.547(13.9)	.688(17.5)	2.52(64.0)	1.00(25.4)	1.00(25.4)	.13(3.4)	.41(10.5)	.48(12.2)	1.06(26.9)	
94080	4/0 Str.	1/2	Purple	20	.547(13.9)	.688(17.5)	2.52(64.0)	1.00(25.4)	1.00(25.4)	.13(3.4)	.51(13.0)	.48(12.2)	1.06(26.9)	
94082	250MCM	3/8	Yellow	15	.594(15.1)	.750(19.1)	2.64(67.0)	1.06(26.9)	1.09(27.7)	.15(3.8)	.41(10.5)	.48(12.2)	1.06(26.9)	
94084	250MCM	1/2	Yellow	15	.594(15.1)	.813(20.7)	2.64(67.0)	1.06(26.9)	1.19(30.2)	.15(3.8)	.51(13.0)	.48(12.2)	1.06(26.9)	
94086	300MCM	1/2	White	15	.658(16.7)	.813(20.7)	2.64(67.0)	1.06(26.9)	1.19(30.2)	.15(3.8)	.51(13.0)	.48(12.2)	1.06(26.9)	
94088	350MCM	1/2	Red	10	.700(17.8)	.875(22.2)	2.80(71.0)	1.12(28.4)	1.28(32.4)	.17(4.2)	.51(13.0)	.48(12.2)	1.06(26.9)	
94090	400MCM	1/2	Blue	10	.764(19.4)	.949(24.1)	3.07(78.0)	1.19(30.2)	1.39(35.2)	.18(4.5)	.51(13.0)	.52(13.2)	1.25(31.8)	
94094	500MCM	1/2	Brown	6	.835(21.2)	1.063(27.0)	3.31(84.0)	1.38(35.0)	1.54(39.1)	.22(5.5)	.51(13.0)	.52(13.2)	1.25(31.8)	
94096	600MCM	5/8	Green	4	.925(23.5)	1.188(30.2)	3.66(93.0)	1.38(35.0)	1.72(43.6)	.25(6.4)	.67(17.0)	.69(17.5)	1.45(36.8)	
94098	750MCM	5/8	Black	4	1.03(26.2)	1.31(33.3)	3.94(100.0)	1.63(41.4)	1.90(48.3)	.27(6.8)	.67(17.0)	.69(17.5)	1.45(36.8)	
94099	1000MCM	3/4	White	3	1.19(30.2)	1.53(38.8)	5.12(130.0)	1.93(49.0)	2.19(55.6)	.32(8.1)	.80(20.3)	.17(18.0)	1.97(50.0)	

POWER CONNECTORS

Copper 1 Hole Long Barrel Compression Lugs



- Made of high-conductivity copper tubing
- Uniform bright electro-tin plating resists corrosion, reduces contact resistance and gives you maximum conductivity
- Crimp marks indicate proper crimp locations
- Marked with die index and color codes for easy identification
- UL 486A Listed
- Listed for 35 KV when properly installed



Dimension Measurements = Inches & (Millimeters)

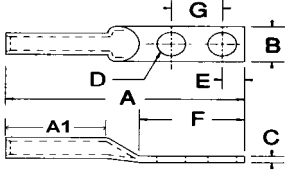
Cat No.	Wire Range	Stud Size	Color Code	Box Qty	Inside Diameter	Outside Diameter	A	A1	B	C	D	E	F	Each
94214	6 Str.	1/4	Blue	40	.203(5.2)	.297(7.5)	2.01(51.0)	1.12(28.4)	.42(10.7)	.08(2.1)	.25(6.4)	.29(7.4)	.65(16.5)	
94218	4 Str.	1/4	Gray	30	.250(6.4)	.344(8.7)	2.05(52.0)	1.12(28.4)	.49(12.4)	.09(2.2)	.25(6.4)	.29(7.4)	.65(16.5)	
94222	2 Str.	5/16	Brown	15	.315(8.0)	.422(10.7)	2.24(57.0)	1.25(31.8)	.60(15.3)	.10(2.6)	.33(8.4)	.38(9.4)	.75(19.1)	
94226	1 Str.	5/16	Green	15	.360(9.1)	.469(11.9)	2.32(59.0)	1.25(31.8)	.67(17.1)	.11(2.7)	.33(8.4)	.38(9.4)	.75(19.1)	
94230	1/0 Str.	5/16	Pink	10	.390(9.9)	.520(13.2)	2.56(65.0)	1.38(35.1)	.74(18.9)	.13(3.2)	.33(8.4)	.41(10.2)	.81(20.6)	
94234	1/0 Str.	3/8	Pink	10	.390(9.9)	.520(13.2)	2.56(65.0)	1.38(35.1)	.74(18.9)	.13(3.2)	.41(10.5)	.41(10.2)	.81(20.6)	
94238	2/0 Str.	3/8	Black	10	.441(11.2)	.563(14.3)	2.64(67.0)	1.50(38.1)	.81(20.7)	.12(3.0)	.41(10.5)	.48(10.2)	.81(20.6)	
94246	3/0 Str.	1/2	Orange	20	.492(12.5)	.622(15.8)	3.03(77.0)	1.50(38.1)	.90(22.9)	.13(3.2)	.51(13.0)	.48(12.2)	1.06(26.9)	
94254	4/0 Str.	1/2	Purple	15	.547(13.9)	.688(17.5)	3.23(82.0)	1.62(41.1)	1.00(25.4)	.13(3.4)	.51(13.0)	.52(13.2)	1.06(26.9)	
94258	250 MCM	1/2	Yellow	10	.594(15.1)	.75(19.1)	3.23(82.0)	1.62(41.1)	1.09(27.7)	.15(3.8)	.51(13.0)	.52(13.2)	1.06(26.9)	
94262	300 MCM	1/2	White	10	.658(16.7)	.813(20.7)	3.58(91.0)	2.00(50.1)	1.19(30.2)	.15(3.8)	.51(13.0)	.52(13.2)	1.06(26.9)	
94266	350 MCM	1/2	Red	8	.700(17.8)	.875(22.2)	3.70(94.0)	2.00(50.1)	1.28(32.4)	.17(4.2)	.51(13.0)	.52(13.2)	1.06(26.9)	
94270	400 MCM	1/2	Blue	6	.764(19.4)	.949(24.1)	4.02(102.0)	2.00(50.1)	1.39(35.2)	.18(4.5)	.51(13.0)	.52(13.2)	1.35(34.3)	
94274	400 MCM	5/8	Blue	6	.764(19.4)	.949(24.1)	4.02(102.0)	2.00(50.1)	1.39(35.2)	.18(4.5)	.67(17.0)	.52(13.2)	1.35(34.3)	
94278	500 MCM	1/2	Brown	8	.835(21.2)	1.063(27.0)	4.41(112.0)	2.25(57.2)	1.54(39.1)	.22(5.5)	.51(13.0)	.52(13.2)	1.35(34.3)	
94282	500 MCM	5/8	Brown	8	.835(21.2)	1.063(27.0)	4.41(112.0)	2.25(57.2)	1.54(39.1)	.22(5.5)	.67(17.0)	.52(13.2)	1.35(34.3)	
94286	600 MCM	5/8	Green	6	.925(23.5)	1.188(30.2)	4.80(122.0)	2.50(63.5)	1.72(43.6)	.25(6.4)	.67(17.0)	.69(17.5)	1.45(36.8)	
94290	750 MCM	5/8	Black	4	1.03(26.2)	1.31(33.3)	5.28(134.0)	2.88(73.2)	1.90(48.3)	.27(6.8)	.67(17.0)	.69(17.5)	1.45(36.8)	

POWER CONNECTORS

Copper 2 Hole Long Barrel Compression Lugs



- Made of high-conductivity copper tubing
- Uniform bright electro-tin plating resists corrosion, reduces contact resistance and gives you maximum conductivity
- Crimp marks indicate proper crimp locations
- Marked with die index and color codes for easy identification
- UL 486A Listed
- Listed for 35 KV when properly installed



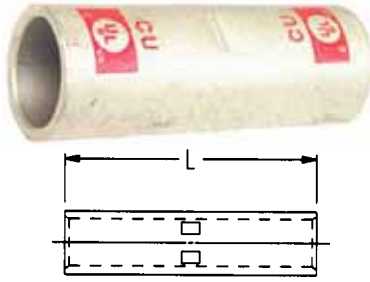
Dimension Measurements = Inches & (Millimeters)



Cat No.	Wire Range	Stud Size	Hole Spacing	Color	Box Qty	A	A1	B	C	D	E	F	G	Each
94310	8 Str.	#10	5/8	Red	45	2.32(59.0)	.75(19.1)	.42(10.7)	.08(2.0)	.21(5.3)	.28(7.1)	1.25(31.8)	.625(15.9)	
94312	8 Str.	1/4	5/8	Red	45	2.32(59.0)	.75(19.1)	.42(10.7)	.08(2.0)	.25(6.4)	.28(7.1)	1.25(31.8)	.625(15.9)	
94316	6 Str.	1/4	5/8	Blue	35	2.68(68.0)	1.12(28.4)	.50(10.7)	.06(2.1)	.25(6.4)	.28(7.1)	1.25(31.8)	.625(15.9)	
94324	4 Str.	1/4	5/8	Gray	25	2.76(70.0)	1.12(28.4)	.49(12.4)	.09(2.2)	.25(6.4)	.28(7.1)	1.25(31.8)	.625(15.9)	
94326	4 Str.	1/2	1 3/4	Gray	30	4.49(114.0)	1.12(28.4)	.78(19.8)	.06(1.4)	.51(13.0)	.62(15.7)	3.00(76.2)	1.75(44.5)	
94330	2 Str.	5/16	3/4	Brown	30	3.27(83.0)	1.25(31.8)	.60(15.3)	.10(2.6)	.33(8.4)	.32(8.1)	1.62(41.1)	.75(19.1)	
94332	2 Str.	5/16	7/8	Brown	20	3.27(83.0)	1.25(31.8)	.60(15.3)	.10(2.6)	.33(8.4)	.32(8.1)	1.62(41.1)	.875(22.2)	
94334	2 Str.	1/2	1 3/4	Brown	20	4.65(118.0)	1.25(31.8)	.81(20.5)	.08(2.0)	.51(13.0)	.62(15.7)	3.00(76.2)	1.75(44.5)	
94338	1 Str.	1/4	5/8	Green	15	2.87(73.0)	1.25(31.8)	.67(17.1)	.11(2.7)	.25(6.4)	.28(7.1)	1.25(31.8)	.625(15.9)	
94340	1 Str.	5/16	7/8	Green	30	3.27(83.0)	1.25(31.8)	.67(17.1)	.11(2.7)	.33(8.4)	.32(8.1)	1.62(41.1)	.875(22.2)	
94342	1 Str.	1/2	1 3/4	Green	30	4.65(118.0)	1.25(31.8)	.78(19.8)	.09(2.3)	.51(13.0)	.62(15.7)	3.00(76.2)	1.75(44.5)	
94346	1/0 Str.	5/16	7/8	Pink	25	3.39(86.0)	1.38(35.1)	.74(18.9)	.13(3.2)	.33(8.4)	.32(8.1)	1.62(41.1)	.875(22.2)	
94348	1/0 Str.	3/8	1	Pink	25	3.58(91.0)	1.38(35.1)	.74(18.9)	.13(3.2)	.41(10.5)	.38(9.7)	1.81(46.0)	1.00(25.4)	
94350	1/0 Str.	1/2	1 3/4	Pink	25	4.76(121.0)	1.38(35.1)	.78(19.8)	.12(3.1)	.51(13.0)	.62(15.7)	3.00(76.2)	1.75(44.5)	
94354	2/0 Str.	3/8	1	Black	20	3.86(98.0)	1.50(38.1)	.81(20.7)	.12(3.0)	.41(10.5)	.38(9.7)	1.81(46.0)	1.00(25.4)	
94356	2/0 Str.	1/2	1 3/4	Black	20	5.04(128.0)	1.50(38.1)	.81(20.7)	.12(3.0)	.51(13.0)	.62(15.7)	3.00(76.2)	1.75(44.5)	
94360	3/0 Str.	3/8	1	Orange	15	3.98(101.0)	1.50(38.1)	.90(22.9)	.13(3.2)	.41(10.5)	.38(9.7)	1.81(46.0)	1.00(25.4)	
94362	3/0 Str.	1/2	1 3/4	Orange	20	5.16(131.0)	1.50(38.1)	.90(22.9)	.13(3.2)	.51(13.0)	.62(15.7)	3.00(76.2)	1.75(44.5)	
94366	4/0 Str.	3/8	1	Purple	12	4.09(104.0)	1.62(41.1)	1.00(25.4)	.13(3.4)	.41(10.5)	.38(9.7)	1.81(46.0)	1.00(25.4)	
94368	4/0 Str.	1/2	1 3/4	Purple	20	5.28(134.0)	1.62(41.1)	1.00(25.4)	.13(3.4)	.51(13.0)	.62(15.7)	3.00(76.2)	1.75(44.5)	
94372	250 MCM	3/8	1	Yellow	12	4.17(106.0)	1.62(41.1)	1.09(27.7)	.15(3.8)	.41(10.5)	.38(9.7)	1.81(46.0)	1.00(25.4)	
94374	250 MCM	1/2	1 3/4	Yellow	15	5.35(136.0)	1.62(41.1)	1.09(27.7)	.15(3.8)	.51(13.0)	.62(15.7)	3.00(76.2)	1.75(44.5)	
94378	300 MCM	1/2	1 3/4	White	12	5.79(147.0)	2.00(50.1)	1.19(30.2)	.15(3.8)	.51(13.0)	.62(15.7)	3.00(76.2)	1.75(44.5)	
94382	350 MCM	1/2	1 3/4	Red	10	5.83(148.0)	2.00(50.1)	1.28(32.4)	.17(4.2)	.51(13.0)	.62(15.7)	3.00(76.2)	1.75(44.5)	
94386	400 MCM	1/2	1 3/4	Blue	10	5.94(151.0)	2.00(50.1)	1.39(35.2)	.18(4.5)	.51(13.0)	.62(15.7)	3.00(76.2)	1.75(44.5)	
94390	500 MCM	1/2	1 3/4	Brown	8	6.22(158.0)	2.25(57.2)	1.54(39.1)	.22(5.5)	.51(13.0)	.62(15.7)	3.00(76.2)	1.75(44.5)	
94394	600 MCM	1/2	1 3/4	Green	6	6.57(167.0)	2.50(63.5)	1.72(43.6)	.25(6.4)	.51(13.0)	.62(15.7)	3.00(76.2)	1.75(44.5)	
94398	750 MCM	1/2	1 3/4	Black	4	6.93(176.0)	2.88(73.2)	1.90(48.3)	.27(6.8)	.51(13.0)	.62(15.7)	3.00(76.2)	1.75(44.5)	

POWER CONNECTORS

Copper Short Barrel Compression Splices



- Made of high-conductivity copper tubing
- Center stop assures proper cable installation
- Uniform bright electro-tin plating resists corrosion, reduces contact resistance and gives you maximum conductivity
- Crimp marks indicate proper crimp locations
- Marked with die index and color codes for easy identification
- UL 486A Listed
- Listed for 35 KV when properly installed



Dimension Measurements = Inches & (Millimeters)

Cat No.	Wire Range	Color Code	Box Qty	Inside Diameter	Outside Diameter	Length	Each
94410	8 Str.	Red	80	.172(4.4)	.272(6.9)	1.06(26.9)	
94412	6 Str.	Blue	60	.203(5.2)	.297(7.5)	1.73(43.9)	
94414	4 Str.	Gray	45	.250(6.4)	.344(8.7)	1.73(43.9)	
94416	2 Str.	Brown	25	.315(8.0)	.422(10.7)	1.85(47.0)	
94418	1 Str.	Green	20	.360(9.1)	.469(11.9)	1.85(47.0)	
94420	1/0 Str.	Pink	15	.390(9.9)	.520(13.2)	1.85(47.0)	
94422	2/0 Str.	Black	10	.441(11.2)	.563(14.3)	2.01(51.1)	
94424	3/0 Str.	Orange	20	.492(12.5)	.622(15.8)	2.13(54.1)	
94426	4/0 Str.	Purple	20	.547(13.9)	.688(17.5)	2.13(54.1)	
94428	250 MCM	Yellow	20	.594(15.1)	.750(19.1)	2.24(56.9)	
94430	300 MCM	White	18	.658(16.7)	.813(20.7)	2.24(56.9)	
94432	350 MCM	Red	15	.700(17.8)	.875(22.2)	2.36(59.9)	
94434	400 MCM	Blue	10	.764(19.4)	.949(24.1)	2.52(64.0)	
94436	500 MCM	Brown	6	.835(21.2)	1.063(27.0)	2.87(72.9)	
94438	600 MCM	Green	4	.925(23.5)	1.188(30.2)	2.87(72.9)	
94440	750 MCM	Black	3	1.03(26.2)	1.31(33.3)	3.39(86.1)	
94442	1000 MCM	—	1	1.19(30.2)	1.53(38.8)	3.70 (94.0)	

Copper Long Barrel Compression Splices



- Made of high-conductivity copper tubing
- Center stop assures proper cable installation
- Uniform bright electro-tin plating resists corrosion, reduces contact resistance and gives you maximum conductivity
- Crimp marks indicate proper crimp locations
- Marked with die index and color codes for easy identification
- UL 486A Listed
- Listed for 35 KV when properly installed



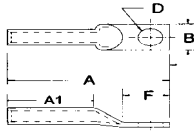
Dimension Measurements = Inches & (Millimeters)

Cat No.	Wire Range	Color Code	Box Qty	Inside Diameter	Outside Diameter	Length	Each
94510	8 Str.	Red	60	.172(4.4)	.272(6.9)	2.01(51.1)	
94512	6 Str.	Blue	40	.203(5.2)	.297(7.5)	2.36(59.9)	
94514	4 Str.	Gray	25	.250(6.4)	.344(8.7)	2.36(59.9)	
94516	2 Str.	Brown	18	.315(8.0)	.422(10.7)	2.60(66.0)	
94518	1 Str.	Green	15	.360(9.1)	.469(11.9)	2.87(72.9)	
94520	1/0 Str.	Pink	10	.390(9.9)	.520(13.2)	2.87(72.9)	
94522	2/0 Str.	Black	20	.441(11.2)	.563(14.3)	3.11(79.0)	
94524	3/0 Str.	Orange	16	.492(12.5)	.622(15.8)	3.11(79.0)	
94526	4/0 Str.	Purple	12	.547(13.9)	.688(17.5)	3.39(86.1)	
94528	250 MCM	Yellow	12	.594(15.1)	.750(19.1)	3.39(86.1)	
94530	300 MCM	White	9	.658(16.7)	.813(20.7)	4.13(104.9)	
94532	350 MCM	Red	6	.700(17.8)	.875(22.2)	4.13(104.9)	
94534	400 MCM	Blue	6	.764(19.4)	.949(24.1)	4.37(111.0)	
94536	500 MCM	Brown	6	.835(21.2)	1.063(27.0)	4.61(117.1)	
94538	600 MCM	Green	4	.925(23.5)	1.188(30.2)	5.35(135.9)	
94540	750 MCM	Black	4	1.03(26.2)	1.31(33.3)	5.87(149.1)	
94542	1000 MCM	—	1	1.19(30.2)	1.53(38.8)	6.12 (155.4)	



POWER CONNECTORS

Meter Socket Lugs



- 840 common dies - one die installs all sizes
- For meter pan and general application
- Accepts both aluminum and copper conductors
- Made of high conductivity aluminum
- Connector bores are coated with oxide inhibiting compound
- Tin Plated
- Marked with conductor sizes and die references
- Meet or exceed Class A requirements of ANSI C119.4

Dimension Measurements = Inches

Cat No.	Wire Size—Aluminum or Copper				A	A1	B	F	Stud Size D	Each
	Concentric	Compressed	Compact	Solid						
93902	6	6	6	-	3 1/4	1 3/8	1 15/16	1 5/16	3/8	
93904	4	4	4	-	3 1/4	1 3/8	1 15/16	1 5/16	3/8	
93906	2	2	2 & 1	1	3 1/4	1 3/8	1 15/16	1 5/16	3/8	
93908	1	1	1/0	1/0	3 1/4	1 3/8	1 15/16	1 5/16	3/8	
93910	1/0	1/0	2/0	2/0	3 1/4	1 3/8	1 15/16	1 5/16	3/8	
93912	2/0	2/0	3/0	3/0	3 1/4	1 3/8	1 15/16	1 5/16	3/8	
93914	2/0	2/0	3/0	3/0	3 1/4	1 3/8	1 15/16	1 5/16	1/2	
93916	3/0	3/0	4/0	-	3 1/4	1 3/8	1 15/16	1 5/16	3/8	
93920	4/0	4/0	250	-	3 1/4	1 3/8	1 15/16	1 5/16	3/8	
93922	4/0	4/0	250	-	3 1/4	1 3/8	1 15/16	1 5/16	1/2	

Entrance Splicers



- Use Morris tool #50085 & die #50086 to crimp splicer

- Meets or exceed Class A-3 requirements of ANSI C119.4, when properly installed on aluminum to aluminum or aluminum to copper conductors
- High conductivity aluminum splices have solid center barriers and large chamfers to ease cable insertion
- Coated with oxide inhibitor compound
- Tough stabilized nylon sleeves resist installing tool pressure, providing reliable 600 volt insulation
- Color coded and marked with catalog numbers, strip lengths, installing die references and compression locations

2-25/32" Length

Cat No.	Model	CONDUCTOR A				CONDUCTOR B				Box Qty	Each
		AL OR CU				AL OR CU					
		Color	Sol	Str	ACSR	Color	Sol	Str	ACSR		
90672	UYR 02 D	Yellow		1/0	1/0	Red		1&2	2	100	
90680	URR 22 D	Red		1&2	2	Red		1&2	2	100	
90684	URB 26 D	Red		1&2	2	Blue	4	6	6	100	
90688	UOO 44 D	Orange	2	4	4	Orange	2	4	4	100	
90690	UOB 46 D	Orange	2	4	4	Blue	4	6	6	100	
90694	UBB 66 D	Blue	4	6	6	Blue	4	6	6	100	

5-1/2" Length

Cat No.	CONDUCTOR A				CONDUCTOR B				Box Qty	Each
	AL OR CU				AL OR CU					
	ACSR	Concentric	Compressed	Compact	ACSR	Concentric	Compressed	Compact		
90668	2/0	2/0	2/0	2/0	2/0	2/0	2/0	3/0	100	
90669	4/0	4/0	4/0	250	2/0	2/0	2/0	3/0	25	



POWER CONNECTORS

Installation Tooling For Dual Rated Aluminum Connectors

MORRIS CONNECTORS UL LISTED AND cUL CERTIFIED 90°C (194°F), 600 VOLTS TO 35KV FOR THESE TOOLS FOR APPLICATIONS GREATER THAN 2000 VOLTS CONSULT CABLE MANUFACTURER FOR VOLTAGE STRESS RELIEF INSTRUCTIONS

MORRIS Aluminum Compression Connectors and Splices are Manufactured from High Conductivity Aluminum Seamless Tubing, Tin Plated and Prefilled with Anti-Oxidant. Each Connector is Color Coded for Quick Easy Identification and use with Matching Color Coded Dies.

Catalog Number	Cable Size	Die Color Code	Wire Strip Length	THOMAS & BETTS				BURNDY			ILSCO		BLACKBURN	PANDUIT	PNN UNION
				TBM12M Die Index	TBM15* TBM14M Die Index	13642 Die Index	21940 Die Index	Y35, Y39, Y45* Die Sets	Y46 DIE SETS WITH P-UADP Adapter	Die Index	ILC-12, ILC-12H, Die Index	ILC-14 ILC-14H, ILC-15 Die Index	JB12A/B JB60A/B* HCT1239 HCT7508/7508H	CT2920,CT940CH* CT930,CT930CH CT920,CT920CH	TPU-12BH TPU-15BH*
MLA6, MA6	6 AWG	Gray	11/16"	29	29	29	29	U6CABT	U6CABT	346	ILD-3	ILD-3	B74CH	CD-920-4	T-346
MLA4, MA4	4 AWG	Green	1"	37	37	37	37	U4CABT	U4CABT	375	ILD-4	ILD-4	B05CH	CD-920-1	T-11/375
MLA2, MA2	2 AWG	Pink	1 1/16"	42H	42H	42	42	U2CABT	U2CABT	348	ILD-7	ILD-7	B06CHI	CD-920-1/0	T-12/348
MLA1, MA1	1 AWG	Gold	1 1/16"	45	45	45	45	U1CART	U1CART	471	ILD-7	ILD-7	B06CHI	CD-920-2/0	T-471
MLA1/0, 2MLA1/0, MA1/0	1/0 AWG	Tan	1 1/8"	50	50	50	50	U25ART	U25ART	296	ILD-8	ILD-8	B08CH	CD-920-3/0	T-296
MLA2/0, 2MLA2/0, MA2/0	2/0 AWG	Olive	1 1/4"	54H	54H	54	54	U26ART	U26ART	297	ILD-10	ILD-10	B09CH	CD-920-4/0	T-297
MLA3/0, 2MLA3/0, MA3/0	3/0 AWG	Ruby	1 1/4"	60	60	60	60	U27ART	U27ART	467	ILD-10	ILD-10	B26CH	CD-920-250	T-467
MLA4/0, 2MLA4/0, MA4/0	4/0 AWG	White	1 5/16"	66	66	66H	66	U28ART	U28ART	298	ILD-12	ILD-12	B10CHI	CD-920-300	T-298
MLA250, 2MLA250, MA250	250 MCM	Red	1 3/8"	71H	71H	71H	71	U29ART	U29ART	324	ILD-13	ILD-13	B11CH	CD-920-350	T-18/324
MLA300, 2MLA300, MA300	300 MCM	Blue	1 7/16"	76	76	76H	76	U30ART	U30ART	470	ILD-14	ILD-14	B11CH	CD-920-400	T-470
MLA350, 2MLA350, MA350	350 MCM	Brown	1 3/4"	87H	87H	87H	87	U31ART	U31ART	299	ILD-14	ILD-14	B12CHI	CD-920-500	T-20/299
MLA400, 2MLA400, MA400	400 MCM	Green	2 1/4"	94H	94H	94H	94	U32ART	U32ART	472	ILD-16	ILD-16	B36CH	CD-920-800	T-22/472
MLA500, 2MLA500, MA500	500 MCM	Pink	2 1/4"	99H	99H	99H	99	U34ART	U34ART	300		ILD-16A	B76CH	CD-920-500A	T-300
MLA600, 2MLA600, MA600	600 MCM	Black	2 3/8"	106H	106H	106H	106	U36ART	U36ART	473		ILD-17	6039RT*	CD-920-750 CD940-750*	T-473
MLA750, 2MLA750, MA750	750 MCM	Yellow Red	2 5/8"	115H	115H	115H	115	U39ART (NOT IN Y35)	U39ART U39ART W/O P-UADP	936 301		ILD-18	6024AH*	CD-940-750A*	
NOTES				*TBM15 REQUIRES 15500 ADAPTOR				*Y45 REQUIRES PT6515 ADAPTER					*JB60A/B REQUIRES U-ADP ONLY	*CT940CH TOOL REQUIRES CD-940-DA ADAPTER FOR CD-120 DIES	*TPU-15BH REQUIRES ADAPTER

Installation Tooling For Copper Connectors

MORRIS CONNECTORS UL LISTED AND cUL CERTIFIED 90°C (194°F), 600 VOLTS TO 35KV FOR THESE TOOLS FOR APPLICATIONS GREATER THAN 2000 VOLTS CONSULT CABLE MANUFACTURER FOR VOLTAGE STRESS RELIEF INSTRUCTIONS

MORRIS Copper Compression Connectors and Splices are Manufactured from High Strength Pure Electrolytic Copper To Insure Both Maximum Strength and Conductivity. Each Connector is Color Coded for Quick Easy Identification and use with Matching Color Coded Dies.

Catalog Number	Cable Size	Die Color Code	Tbm12M Die Index	TBM15* TBM14M Die Index	13400 13642 Die Index	21940 Die Index	Y35, Y39, Y45*, Y46**, Y750 Die Sets	Die Index	ILSCO		BLACKBURN	PANDUIT	PNN UNION
									ILC-12, ILC-12H, Die Index	ILC-15 Die Index	JB12A/B JB60A/B* HCT1239 HCT7508/7508H	CT2920,CT940CH* CT930,CT930CH CT920,CT920CH	TPU-12BH TPU15BH*
MLC,MLLC,2MLLC,MS,MSL	8 AWG	Red	21	21	21		U8CRT	49	ILD-1	ILD-1	B71CH	CD-920-8	T-6/T-11
MLC,MLLC,2MLLC,MS,MSL	6 AWG	Blue	24	24	24		U5CRT OR U8CABT	7 OR 374	ILD-2	ILD-2	B73CH	CD-920-6	T-7/374
MLC,MLLC,2MLLC,MS,MSL	4 AWG	Gray	29	29	29	29	U4CRT OR U6CABT	8 OR 346	ILD-3	ILD-3	B74CH	CD-920-4	T-8
MLC,MLLC,2MLLC,MS,MSL	2 AWG	Brown	33	33	33	33	U2CRT	10	ILD-4	ILD-4	B75CH	CD-920-2	T-10
MLC,MLLC,2MLLC,MS,MSL	1 AWG	Green	37	37	37	37	U1CRT OR U4CABT	11 OR 375	ILD-4	ILD-4	B05CH	CD-920-1	T-11/375
MLC,MLLC,2MLLC,MS,MSL	1/0 AWG	Pink	42	42H	42	42	U25RT OR U2CART	12 OR 348	ILD-5	ILD-5	B06CHI	CD-920-1/0	T-12/348
MLC,MLLC,2MLLC,MS,MSL	2/0 AWG	Black	45	45	45	45	U26RT	13	ILD-6	ILD-6	B72CH	CD-920-2/0	T-13
MLC,MLLC,2MLLC,MS,MSL	3/0 AWG	Orange	50	50	50	50	U27RT	14	ILD-9	ILD-9	B08CH	CD-920-3/0	T-14
MLC,MLLC,2MLLC,MS,MSL	4/0 AWG	Purple	54	54H	54	54H	U28RT	15	ILD-10	ILD-10	B09CH	CD-920-4/0	T-15
MLC,MLLC,2MLLC,MS,MSL	250 MCM	Yellow	62	62	62	62	U29RT	16	ILD-11	ILD-11	B26CH	CD-920-250	T-16
MLC,MLLC,2MLLC,MS,MSL	300 MCM	White	66H	66	66H	66	U30RT OR U28ART	17 OR 298	ILD-12	ILD-12	B10CH OR B10CHI	CD-920-300	T-17
MLC,MLLC,2MLLC,MS,MSL	350 MCM	Red	71H	71H	71H	71	U31RT OR 29ART	18 OR 324	ILD-13	ILD-13	B11CH	CD-920-350	T-18/324
MLC,MLLC,2MLLC,MS,MSL	400 MCM	Blue	76H	76	76H	76	U32RT OR U30ART	19 OR 470	ILD-14	ILD-14	B11CH	CD-920-400	T-19/470
MLC,MLLC,2MLLC,MS,MSL	500 MCM	Brown	87H	87H	87H	87	U34RT OR U31ART	20 OR 299		ILD-15	B12CH OR B12CHI	CD-920-500	T-20/299
MLC,MLLC,2MLLC,MS,MSL	600 MCM	Green	94H	94H	94H	94	U36RT OR U32ART	22 OR 472		ILD-16	B36CH	CD-920-600	T-22/472
MLC,MLLC,2MLLC,MS,MSL	750 MCM	Black		106H	106H	106	U39RT	24		ILD-17	B39CH**	CD-920-750A	
NOTES				*TBM15 REQUIRES 15500 ADAPTOR			*Y45 REQUIRES PT6515 ADAPTER **Y46 DIE SETS WITH P-UADP ADAPTER				*JB60A/B REQUIRES U-ADP ONLY **HCT TOOLS ONLY	*CT940CH TOOL REQUIRES CD-940-DA ADAPTER FOR CD-120 DIES ONLY	*TPU-15BH REQUIRES ADAPTER



POWER CONNECTORS

Copper Mechanical Offset Connectors For Copper Conductors

- Manufactured from high strength pure electrolytic copper to insure both maximum strength and conductivity
- Conductors are inserted between arched pressure bar and V-bottom collar which positions the wire for positive contact and maximum secureness
- Plain copper finish
- Rated 600 Volts
- Steel plated screws to prevent rusting
- Easy to install with screwdriver, wrench or pliers



Single Offset Connectors

Dimensions = Inches



Cat. No.	Rating	Wire Range	L	W	H	Bolt	Box Qty	Each
90514	35A	6 - 14	1.19	0.38	0.75	0.20	100	
90515	70A	4 - 14	1.31	0.50	0.81	0.27	100	
90516	90A	2 - 8	1.22	0.50	1.00	0.27	50	
90518	125A	1/0 - 2	1.97	0.63	1.34	0.27	50	
90520	175A	3/0 - 4	2.19	0.75	1.56	0.41	25	
90522	225A	4/0 - 2	2.63	1.00	1.81	0.41	25	
90524	300A	350MCM - 1/0	3.19	1.00	2.63	0.41	18	
90526	400A	500MCM - 4/0	4.25	1.50	2.75	0.41	3	
90528	650A	1000MCM - 600MCM	4.63	2.00	3.69	0.53	1	



Double Offset Connectors

Dimensions = Inches



Cat. No.	Rating	Wire Range	L	W	H	Bolt	Box Qty	Each
90532	450A	2-4/0	3.38	1.50	.940	.41	6	
90534	600A	1/0-350MCM	3.63	1.75	1.18	.41	6	
90536	800A	1/0-500MCM	4.44	2.00	1.41	.53	3	

Copper Mechanical Lugs For Copper Conductors



Dimensions = Inches

- Made from pure 100% conductive electrolytic copper
- Bright copper finish standard
- One piece-flat bottomed, for full contact, highest efficiency
- Completely re-usable
- No special installation tools required
- Metal stamped with conductor range
- UL486A listed for use with copper conductor

Cat No.	Wire Range	Bolt Size	Width	Height	Length	Pad Thickness	Screw	Box Qty	Each
90550	14 - 8	3/16	3/8	3/8	13/16	5/64	Slotted Screw	100	
90552	14 - 4	1/4	1/2	3/32	1-1/8	3/32	Slotted Screw	100	
90554	8 - 1/0	5/16	3/4	3/4	1-1/2	3/32	1/4" Hex Head	50	
90556	6 - 250MCM	3/8	15/16	1-1/16	1-15/16	1/8	1/4" Hex Head	25	

Stranded Bi-Metallic Pin Terminal Connectors



- For Aluminum cables only
- Tin Plated with stranded copper pin
- Connector bores are coated with oxide inhibitor
- Supplied with EPDM insulating cover
- Rated 600 Volt

Cat No.	Conductor	Stranded Copper Pin	Color Code	Box Qty	Each
90642	6	8	Gray	50	
90644	4	6	Green	50	
90646	2	4	Pink	25	
90648	1	3	Gold	25	
90650	1/0	2	Tan	25	
90652	2/0	1	Olive	10	
90654	3/0	1/0	Ruby	10	
90658	250 MCM	3/0	Red	10	
90660	300 MCM	4/0	Blue	10	
90663	400 MCM	250MCM	Green	10	
90664	500 MCM	350MCM	Pink	10	
90666	600 MCM	350MCM	Black	10	



POWER CONNECTORS

Aluminum Mechanical Lugs For Copper & Aluminum Conductors

- Manufactured from high strength 6061-T6 aluminum alloy to insure both maximum strength and conductivity

- Dual rated for both copper and aluminum conductors and electro-tin plated to provide low contact resistance and protection against corrosion
- Assembly can be made with only a screwdriver or allen wrench and they are re-usable
- NEMA Drilling 1 3/4" Centers
- Rated 600V 194°F (90°C)
- 90712~90718 & 90812~90814 have slotted screws



UL486B LISTED
AL9CU



Dimensions = Inches

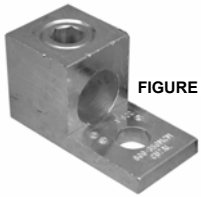


FIGURE 1

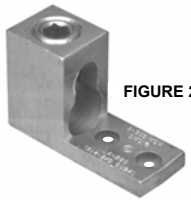


FIGURE 2



FIGURE 3

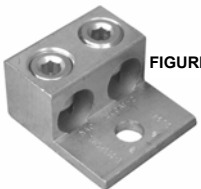


FIGURE 5



FIGURE 6

Cat No.	AWG	Fig.	Wire Range	Box Qty	L	W	H	Bolt	Each
ONE CONDUCTOR - ONE HOLE MOUNT									
90712	6	1	6STR. - 14SOL.	100	1.06	0.38	0.50	0.27	
90714	2	1	2STR. - 14SOL.	100	1.16	0.50	0.56	0.27	
90716	1/0	1	1/0STR. - 14SOL.	50	1.34	0.53	0.69	0.27	
90718	2/0	1	2/0STR. - 14SOL.	50	1.47	0.56	0.75	0.27	
90720	250	1	250MCM - 6SOL.	25	1.94	0.82	1.00	0.33	
90722	350	1	350MCM - 6SOL.	25	2.12	0.90	1.09	0.41	
90724	500	1	500MCM - 4SOL.	12	2.75	1.38	1.50	0.41	
90726	600	1	600MCM - 2SOL.	12	2.75	1.38	1.50	0.41	
90728	750	1	750MCM - 300MCM	3	3.50	1.50	1.75	0.66	
ONE CONDUCTOR - DUAL RANGE LUG - TWO HOLE MOUNT									
90730	300	2	300MCM - 2SOL. (2)2/0STR. - 4SOL.	6	2.31	0.86	1.50	0.33	

Cat No.	AWG	Fig.	Wire Range	Box Qty	L	W	H	Bolt	Each
ONE CONDUCTOR - TWO HOLE MOUNT									
90731	300	3	300MCM - 6SOL.	6	4.00	.93	1.12	0.56	
90732	350	3	350MCM - 6SOL.	3	4.00	.93	1.12	0.56	
90734	600	3	600MCM - 2SOL.	3	4.36	1.19	1.59	0.56	
90735	750	3	750MCM - 300MCM	1	4.75	1.75	1.75	0.56	
90736	1000	3	1000MCM - 500MCM	1	4.75	1.75	1.75	0.56	

Cat No.	AWG	Fig.	Wire Range	Box Qty	L	W	H	Bolt	Each
TWO CONDUCTORS - ONE HOLE MOUNT									
90812	1/0	5	1/0STR. - 14SOL.	25	1.34	1.12	0.69	0.28	
90814	2/0	5	2/0STR. - 14SOL.	12	1.47	1.19	0.75	0.28	
90816	300	5	300MCM - 6SOL.	8	1.94	1.72	1.00	0.41	
90818	350	5	350MCM - 6SOL.	6	2.12	1.88	1.09	0.56	
90820	600	5	600MCM - 2SOL.	3	3.19	2.41	1.56	0.56	
90822	750	5	750MCM - 300MCM	3	3.38	2.93	1.94	0.66	
90824	1000	5	1000MCM - 350MCM	3	3.50	3.50	1.94	0.66	
TWO CONDUCTORS - TWO HOLE MOUNT									
90841	300	6	300MCM - 6SOL.	3	4.00	1.95	1.12	0.56	
90842	350	6	350MCM - 6SOL.	3	4.25	1.92	1.18	0.56	
90844	600	6	600MCM - 2SOL.	3	4.46	2.40	1.56	0.56	
90845	750	6	750MCM - 1/0STR.	3	4.72	3.50	1.81	0.56	
90847	1000	6	1000MCM - 500MCM	3	4.81	3.50	1.94	0.56	



POWER CONNECTORS

Aluminum Mechanical Lugs For Copper & Aluminum Conductors



FIGURE 7



FIGURE 8



FIGURE 9



FIGURE 10



FIGURE 12

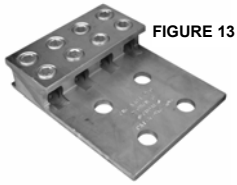


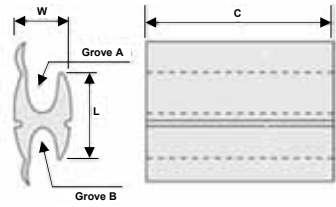
FIGURE 13

Cat No.	AWG	Fig.	Wire Range	Box Qty	L	W	H	Bolt	Each
THREE CONDUCTORS - TWO & FOUR HOLE MOUNT									
90852	300	7	250MCM - 6SOL.	3	4.00	2.81	1.19	0.56	
90854	350	7	350MCM - 6SOL.	1	4.31	3.00	1.38	0.56	
90858	600	7	600MCM - 4SOL.	1	4.50	3.75	1.56	0.56	
90860	750	7	800MCM - 300MCM	1	4.75	4.50	1.75	0.56	
90862	1000	7	1000MCM - 500MCM	1	4.75	4.50	1.75	0.56	
FOUR CONDUCTORS - FOUR HOLE MOUNT									
90872	300	8	250MCM - 6SOL.	1	4.50	3.94	1.12	0.56	
90874	350	8	350MCM - 6SOL.	1	4.50	3.94	1.12	0.56	
90876	600	8	600MCM - 4SOL.	1	4.63	5.00	1.56	0.56	
90878	750	8	800MCM - 300MCM	1	4.75	5.94	1.75	0.56	
90880	1000	8	1000MCM - 500MCM	1	4.75	5.94	1.75	0.56	

Cat No.	AWG	Fig.	Wire Range	Box Qty	L	W	H	Bolt	Each
ONE CONDUCTOR - TWO HOLE MOUNT									
90941	600	9	600MCM - 4SOL.	3	5.19	1.25	1.56	0.56	
90942	750	9	800MCM - 300MCM	3	4.72	1.44	1.81	0.56	
90944	1000	9	1000MCM - 500MCM	3	4.81	1.62	1.94	0.56	
TWO CONDUCTORS - TWO HOLE MOUNT									
90951	600	10	600MCM - 4SOL.	3	5.19	2.59	1.56	0.56	

Cat. No.	AWG	Fig.	Wire Range	Box Qty	L	W	H	Bolt	Each
THREE CONDUCTORS - TWO & FOUR HOLE MOUNT									
90961	600	12	600MCM - 4SOL.	1	5.19	3.94	1.56	0.56	
FOUR CONDUCTORS - FOUR HOLE MOUNT									
90964	250	13	250MCM - 6SOL.	1	5.38	4.20	1.19	0.56	
90966	600	13	600MCM - 4SOL.	1	5.19	5.28	1.56	0.56	

Line-Tap (H Tap)



- Wide range, universal and reversible figure H-shaped aluminum connector
- Conductors are separated by the shape of the connector
- Bendable taps secure both run and tap conductors freeing the lineman's hands to work with the installation tool
- Massive aluminum design minimizes corrosion due to galvanic erosion
- Prefilled with joint compound
- For Copper, Aluminum, ACSR and Compact Conductors

Dimension Measurements = Inches

Cat No.	Conductor Sizes Grove A			Conductor Sizes Grove B			Inches			Box Qty	Case Qty	Each
	CA-Cu Al-Cu	CAA AAC	Ø mm	CA-Cu Al-Cu	CAA AAC	Ø mm	C	L	W			
90454	4 - 3/0	2 - 2/0		6 - 2	6 - 2		1.73	1.10	.71	25	100	
90462	1/0-4/0	1/0-4/0	.37 - .56	1/0-4/0	1/0-4/0	37 - .56	2.48	1.38	.87	25	100	

POWER CONNECTORS

Aluminum Mechanical Lugs For Copper & Aluminum Conductors



FIGURE 6



FIGURE 7



FIGURE 8



FIGURE 9

Cat. No.	AWG	Fig.	Wire Range	Box Qty	L	W	H	Hole Space	Bolt	Each
PANELBOARD LUGS - 2 CONDUCTORS										
90912	300	6	300MCM - 6SOL.	1	3.00	1.00	2.00	—	0.31	
90914	600	7	600MCM - 3/0STR.	3	4.94	1.50	3.00	1.38	0.41	
90916	750	7	750MCM - 3/0STR.	3	4.94	1.50	3.00	1.38	0.41	
PANELBOARD LUGS - 3 CONDUCTORS										
90918	600	8	600MCM - 3/0STR.	1	4.94	2.50	3.00	1.38	0.41	
90920	750	8	750MCM - 3/0STR.	1	4.94	2.63	3.00	1.38	0.41	
PANELBOARD LUGS - 4 CONDUCTORS										
90924	600	9	600MCM - 3/0STR.	1	4.94	2.50	3.00	1.38	0.41	
90926	750	9	750MCM - 3/0STR.	1	4.94	2.63	3.00	1.38	0.41	

Aluminum Lugs with Turn Prevent



FIGURE 1



FIGURE 2



- Set screw connectors with a turn prevent on the bottom of the tang to eliminate potential movement of the connector
- Made of 6061T-6 aluminum alloy
- Tin plated for low contact resistance
- Suitable for use with both copper and aluminum conductors
- Rated 600V

Cat. No.	Fig.	Wire Range	Dimensions			Mtg. Hole	Turn Prevent to Mtg. Hole Center	Box Qty	Each
			L	W	H				
91310	1	4-14	1.16	.50	.55	.25	.500	-	
91311	1	1/0-14	1.47	.63	.81	.25	.500	-	
91312	1	2/0 - 14	1.468	0.625	0.781	.256	.406	50	
91314	1	300MCM - 6	2.000	0.984	1.125	.437	.492	24	
91316	1	350MCM - 6	2.250	1.125	1.250	.344	.406	20	
91317	1	500MCM - 2	2.500	1.375	1.812	.375	.875	6	
91318	1	600MCM - 2	3.125	1.500	1.562	.531	.625	6	
91320	2	350MCM - 6	2.250	1.812	1.250	.406	.492	8	
91322	2	600MCM - 2	3.125	2.406	1.562	.531	.625	4	

Copper Connector Extruded Style

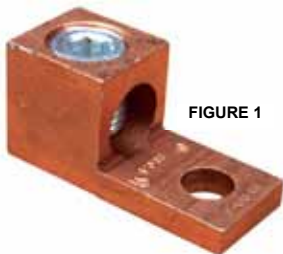


FIGURE 1



FIGURE 2



- Solid one-piece copper connector made from extruded copper for superior mechanical strength and excellent electrical performance
- Steel screw
- Suitable for use with copper wire only
- Rated 600V

Cat. No.	Fig.	Wire Range	Dimensions			Bolt	Box Qty	Each
			L	W	H			
90560	1	6-14	1.020	.375	.400	.193	100	
90562	1	4-14	1.075	.450	.440	.265	100	
90564	1	2-14	1.125	.458	.484	.265	100	
90566	1	1/0-14	1.277	.548	.660	.265	50	
90568	1	4/0-2	1.950	.812	1.250	.406	25	
90591	2	2/0-14	1.25	1.12	.78	.41	—	
90592	2	250-6	1.71	1.62	.97	.56	—	
90593	2	350-6	2.00	1.92	1.12	.56	—	

POWER CONNECTORS

Aluminum Splicers/Reducers



- Dual rated for both copper and aluminum conductors
- Manufactured from high strength 6061-T6 aluminum alloy to insure both maximum strength and conductivity
- Electro tin plated to provide low contact resistance and protection against corrosion
- 90612~90614 use slotted screws
- Rated 600 Volts

Dimensions = Inches



UL486B LISTED
AL9CU



Cat No.	Awg	Figure	Wire Range	Box Qty	L	W	H	Each
90612	2	1	2 - 14	50	1.12	0.44	0.50	
90614	1/0	1	1/0 - 14	25	1.50	0.53	0.63	
90616	250	2	4/0-250MCM - 6	10	3.94	1.00	1.13	
90617	250	1	4/0-250MCM - 6	10	2.00	.84	1.10	
90618	350	2	350MCM - 6	10	4.34	1.00	1.13	
90620	500	2	500MCM - 3/0	3	4.19	1.36	1.50	
90624	750	2	750MCM - 250MCM	1	6.06	1.53	1.75	

Aluminum Parallel & Tee Tap Connectors



- Dual rated for both copper and aluminum conductors and electro tin plated to provide low contact resistance and protection against corrosion
- Manufactured from high strength 6061-T6 aluminum alloy to insure both maximum strength and conductivity
- Dual entry wire holes allow for parallel or 'T' tap connectors
- Assembly can be made with only a screwdriver or allen wrench and they are re-usable
- Rated 600 volt



UL486B LISTED
AL9CU



Dimensions = Inches

Cat No.	AWG	Main Wire	Tap Wire	Box Qty	L	W	H	Each
91012	2	2-12	4-14	50	1.39	0.63	0.88	
91014	1/0	1/0-2	1/0-14	25	1.75	0.75	1.00	
91016	250-1/0	250-1/0	1/0-14	25	2.25	1.00	1.31	
91018	250	250-1/0	250-6	12	2.00	1.00	1.31	
91020	350	350-4/0	350-6	12	2.56	1.25	1.44	
91022	500	500-350	500-2	12	3.13	1.38	1.75	
91023	750	750-500	500-2	6	3.38	1.50	2.00	

Insulating Covers



- Flexible covers allow for either parallel or 'T' tap wire entry
- Secure snap eliminates the need for taping
- Rated 90°C 600 volt

Dimensions = Inches

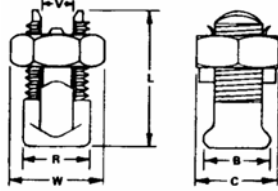
Cat No	AWG	Cover Color	Box Qty	L	W	H	Each
91112	2	Yellow	12	2-7/32	1-19/32	1-7/64	
91114	1/0	Gray	12	2-5/8	2-5/32	1-1/4	
91116	250	Red	12	3-7/16	2-7/8	1-5/8	
91118	350	Yellow	12	3-3/4	3-3/16	1-3/4	
91120	500	Blue	12	4-3/8	3-5/16	2-3/32	
91122	750	Orange	12	4-5/8	3-7/16	2-11/32	

POWER CONNECTORS

Split Bolt Connectors For Copper Conductors



- UL listed for copper and copperweld stranded wires only
- Manufactured from compact, high strength, high copper alloy
- Free running threads and easy to grip wrench flats
- Highly resistant to season cracking and corrosion
- Provides a maximum pressure and ensures a secure connection on all combinations of connectors
- Rated 600 Volts



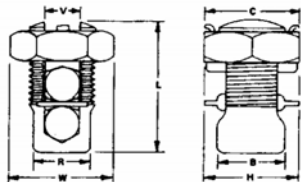
Dimension Measurement = Inches

Cat No.	AWG	Max Run To Max Tap	Min Run To Min Tap	Max Run To Min Tap	Min Equal Tap & Run	Torque In-Lb	B	C	L	R	V	W	Box Qty	Each
90314	8	8-8	10-16	8-16	10-10	88	.472	.562	.854	.413	.145	.650	100	
90316	6	4-4	8-14	4-14	8-8	165	.492	.625	.906	.413	.165	.722	100	
90318	4	4-4	6-14	4-14	8-8	165	.709	.812	1.16	.579	.268	.938	50	
90320	2	2-2	6-14	2-14	6-6	275	.748	.812	1.26	.614	.326	.938	50	
90322	1/0	1/0-1/0	2-14	1/0-14	4-4	385	.787	.937	1.54	.708	.374	1.08	50	
90324	2/0	2/0-2/0	1-14	2/0-14	2-2	385	.866	1.06	1.69	.807	.421	1.28	25	
90326	3/0	3/0-3/0	2/0-8	3/0-8	1-1	500	1.10	1.25	2.09	.976	.531	1.45	25	
90328	4/0-250	250-250	4/0-8	250-8	1-1	500	1.10	1.25	2.09	1.06	.579	1.45	25	
90330	350	350-350	350-1/0	350-1/0	2/0-2/0	650	1.22	1.50	2.36	1.18	.700	1.73	12	
90332	500	500-500	500-2/0	500-2/0	300-300	825	1.34	1.75	2.84	1.34	.815	2.10	12	
90334	750	750-750	750-4/0	750-4/0	750-750	1000	1.94	2.13	3.77	1.93	1.18	2.39	1	

Split Bolt Connectors With Spacer For Copper Conductors



- UL listed for copper and copperweld stranded wires only
- Manufactured from Compact, high strength, high copper alloy
- Uniform bright electro-tin plating resists corrosion, reduces contact resistance and gives you maximum conductivity
- Spacer separates dissimilar conductors and provides long contact length that prevents high pressure point contacts between run and tap connectors
- Free turning threads and easy to grip wrench flats
- Highly resistant to season cracking and corrosion
- Rated for 600 Volts



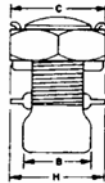
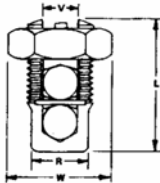
Dimension Measurement = Inches

Cat No.	AWG	Max Run To Max Tap	Min Run To Min Tap	Max Run To Min Tap	Min Equal Tap & Run	Torque In-Lb	B	C	H	L	R	V	W	Box Qty	Each
90360	3/0	3/0-3/0	2/0-8	3/0-8	1-1	500	1.10	1.25	1.520	2.20	.976	.531	1.45	25	
90362	4/0-250	250-250	4/0-8	250-8	1-1	500	1.10	1.25	1.574	2.22	1.06	.579	1.45	25	
90364	350	350-350	350-1/0	350-1/0	2/0-2/0	650	1.22	1.50	1.771	2.56	1.18	.700	1.73	12	
90366	500	500-500	500-2/0	500-2/0	300-300	825	1.34	1.75	1.968	2.95	1.34	.815	2.10	12	



POWER CONNECTORS

Split Bolt Connectors With Spacer Dual Rated For Copper & Aluminum



- UL listed for all combinations of Aluminum, Aluminum to Copper, and Copper to Copper stranded wires
- 90412~90420 Manufactured from copper alloy, 90422~90426 manufactured from aluminum alloy
- Uniform bright electro-tin plating resists corrosion, reduces contact resistance and gives you maximum conductivity
- Spacer separates dissimilar conductors and provides long contact length that prevents high pressure point contacts between run and tap connectors
- Free turning threads and easy to grip wrench flats
- Highly resistant to season cracking and corrosion
- Anti Oxidant is recommended for all aluminum terminations
- Rated for 600 Volts

Dimension Measurement = Inches

Cat No.	AWG	Max Run To Max Tap	Min Run To Min Tap	Max Run To Min Tap	Min Equal Tap & Run	Temp Rating	Torque In-Lb	B	C	H	L	R	V	W	Box Qty	Each
90412	6	4-4	8-14	4-14	8-8	75°C	165	.492	.625	.830	1.06	.413	.165	.722	100	
90414	4	4-4	6-14	4-14	8-8	75°C	165	.709	.812	1.04	1.24	.579	.268	.938	50	
90416	2	2-2	6-14	2-14	6-6	75°C	275	.748	.812	1.13	1.44	.614	.326	.938	50	
90418	1/0	1/0-1/0	2-14	1/0-14	4-4	75°C	385	.787	.937	1.25	1.73	.708	.374	1.08	50	
90420	2/0	2/0-2/0	1-14	2/0-14	2-2	75°C	385	.866	1.06	1.30	1.71	.807	.421	1.23	25	
90422	4/0	4/0-4/0	2-6	4/0-6		90°C	500	1.17	1.50	1.13	2.75	1.17	.560	1.73	30	
90424	350	350-350	1/0-4	350-4		90°C	650	1.66	1.68	1.48	2.99	1.50	.696	1.93	12	
90426	500	500-500	400-2	500-2		90°C	825	1.95	2.10	1.70	3.29	1.71	.850	2.30	12	

Aluminum Parallel Groove Clamps



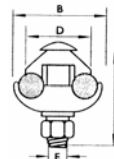
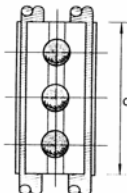
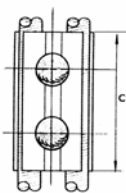
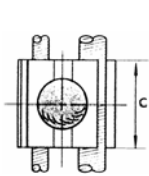
FIGURE 1



FIGURE 2



FIGURE 3



- Manufactured of extruded aluminum alloy thermally treated, this clamp offers high electrical conductivity, high strength and corrosion resistance
- The set screw, lock washer and nut is hot dip galvanized
- All sizes are packed in plastic bags and filled with antioxidant compound

Cat No.	Figure	Main			Tap			Inches					Box Qty	Each
		CU-AL	ACSR	Wire Diameter	Cu-AL	ACSR	Wire Diameter	A	B	C	D	E		
96012	1	10-1/0	6-1/0	.102-.398	10-2	6-2	.102-.325	1.50	1.50	1.24	1.14	.394	50	
96016	1	10-2/0	6-1/0	.098-.417	10-2/0	6-1/0	.098-.417	1.50	1.50	1.24	1.14	.394	50	
96020	1	1/0-4/0	1/0-4/0	.373-.563	8-1/0	6-1/0	.128-.398	1.97	1.89	1.46	1.50	.394	50	
96022	2	1/0-4/0	1/0-4/0	.373-.563	8-1/0	6-1/0	.128-.398	1.97	1.89	2.91	1.50	.394	25	
96024	1	1/0-397.5	1/0-336.4	.373-.720	6-2/0	6-1/0	.162-.417	2.36	2.24	1.67	1.67	.394	50	
96026	2	1/0-397.5	1/0-336.4	.373-.720	6-2/0	6-1/0	.162-.417	2.36	2.24	2.91	1.67	.394	25	
96028	1	397.5-400	397.5	.728-.740	397.5-400	397.5	.728-.740	2.36	2.56	1.57	1.97	.472	50	
96030	2	397.5-400	397.5	.728-.740	397.5-400	397.5	.728-.740	2.36	2.56	3.15	1.97	.472	25	
96032	3	397.5-400	397.5	.728-.740	397.5-400	397.5	.728-.740	2.36	2.56	4.61	1.97	.472	15	

POWER CONNECTORS

Heavy Duty Ground Rod Clamps



- Cast of high strength copper alloy containing 80% or more Copper
- Silicon Bronze Bolt
- Designed to maintain proper contact and alignment between ground wire and rod
- Approved for direct burial in soil & concrete
- Direct Burial marked on clamps

Cat No.	Rod Diameter	Wire Range	Screw Thread	Dimensions in inches		Box Qty	Each
				A	B		
90634	1/2"	2-10	5/16-18	.50	1.24	50	
90636	5/8"	1/0-10	3/8-16	.59	1.46	50	
90638	3/4"	1-10	3/8-16	.59	1.51	50	
90639	3/8, 1/2, 5/8, 3/4	1/0-10	3/8-16	.59	2.38	50	

Heavy Duty Ground Clamp



- Manufactured from cast copper alloy
- Supplied with stainless steel screws
- Suitable for direct burial in earth & concrete
- Provides maximum conductivity & strength
- Used to connect grounding conductor to water pipe, ground rods, copper water tubing or rebar up to 1" in diameter
- Can handle just about any size ground wire & just about any application
- Will accommodate ground wires 8 Awg to 4/0 Awg
- Direct Burial marked on clamps

Cat No.	Water Pipe Range	Rebar Range	Wire Range		Box Qty	Each
			Min	Max		
91610	1/2 - 1	3/8" - 1"	8 STR	4/0 STR	25	

Flexible Braid Jumper Straps



- Manufactured from high conductive flat, extra flexible tinned copper braid flattened into a rectangular shape for greater flexibility
- To provide appropriate contact surface, ferrules formed on either ends are made from pure electrolytic copper & tin plated
- Used wherever it is necessary to take up expansion, allow for misalignment or take up vibration between moving parts of current carrying leads of equipment
- Prevent breakage of insulators, bushings or equipment due to misalignment during settling of substation foundations

Cat No.	Length	Amp Rating		Approximate Circular Mills	Thickness	Pad Hole Size	Box Qty	Each
		Indoor	Outdoor					
91620	12"	330	400	154,500	1/4"	1-1/2 X 9/16	10	

Flexible Ground Braids



- Manufactured from high conductivity, woven process
- Annealed, tinned copper wire
- Used for shield & lead-sheath grounding
- Provides maximum flexibility for connection

Cat No.	Width	Length	Equivalent AWG Size	Box Qty	Each
91630	3/8"	100'	9 AWG	10	
91640	1/2"	100'	6 AWG	10	



POWER CONNECTORS

Direct Burial Lay-in Connectors For Copper Conductors



- 90572 ideal for grounding Swimming Pools, 90573 ideal for Solar applications
- Designed for use on Conduit Grounding Bushings
- Open faced design allows installer to quickly lay-in the grounding conductor as a jumper to multiple conduits with no break in the ground conductor
- Made of copper material, Stainless Steel Screw
- For copper conductors
- Direct Burial marked on clamps



UL467D LISTED
DIRECT BURIAL

Dimensions = Inches

Cat No.	Type	Awg	Wire Range	Length	Width	Height	Bolt	Box Qty	Each
90572	Dipped	4	4 - 14	0.78	0.38	1.08	0.26	100	
90573	Tin Plated	4	4 - 14	0.78	0.38	1.08	0.26	100	

Aluminum Lay-in Connectors For Copper & Aluminum Conductors



- Designed for use on Conduit Grounding Bushings
- Open face design allows installer to quickly lay-in the grounding conductor as a jumper to multiple conduits with no break in the ground conductor
- Excellent for tapping off main conductor without cutting due to lay in feature
- Manufactured from high strength 6061-T6 aluminum alloy to insure both maximum strength and conductivity
- Dual rated for both copper and aluminum conductors
- Electro tin plated to provide low contact resistance and protection against corrosion



UL486B LISTED

Dimensions = Inches

Cat No.	Awg	Wire Range	Length	Width	Height	Bolt	Box Qty	Each
90574	4	4 - 14	1.08	.380	.78	0.26	100	
90575	1/0	1/0 - 14	1.50	.593	1.17	0.26	50	
90576	3/0	3/0 - 6	2.00	.800	1.56	0.33	50	
90580	250	250 - 6	2.20	.800	1.79	0.33	25	

Ground Lay-in Rebar Clamp



DIRECT BURIAL
UL467

- Manufactured from cast copper alloy
- Supplied with stainless steel screws
- Suitable for direct burial in earth & concrete
- Used to connect grounding conductors to water pipes, ground rods, copper water tubing or rebar
- Provides maximum conductivity & strength
- Direct Burial marked on clamps

Cat No.	Water Pipe Range	Rebar Range	Splice Wire Range	Wire Range		Box Qty	Each
				Min	Max		
91652	1/2 - 1"	3/8 - 1"	8 SOL - 8 SOL	10 SOL	2 STR	25	

Heavy Duty Lay-In Ground Clamp



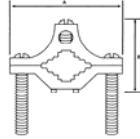
DIRECT BURIAL
UL467

- The ultimate ground clamp for large ground wires
- Can handle just about any size ground wire & just about any application
- The lay-in feature provides for the ultimate in flexibility
- Manufactured from cast copper alloy, Direct Burial marked on clamps
- Supplied with stainless steel screws
- Suitable for direct burial in earth & concrete
- Provides maximum conductivity & strength
- Used to connect grounding conductor to water pipe, ground rods, copper water tubing or rebar up to 1" in diameter

Cat No.	Water Pipe Range	Rebar Range	Wire Range		Box Qty	Each
			Min	Max		
91654	1/2 - 1	3/8" - 1"	8 STR	4/0 STR	25	

POWER CONNECTORS

Ground Pipe Clamps



- Cast of high strength, high conductivity copper alloy
- For connecting grounding conductors to water pipe, copper tubing or ground rod
- #90627 and 90628 non-direct burial clamp has steel screws plated for corrosion resistance
- #90629, 90630 & 90631 UL Direct Burial ground pipe clamps have screws made of copper and are UL listed for direct burial in earth or concrete
- #90631 UL Direct Burial designed for copper-to-rebar connections & commonly used for Swimming Pools/Spas & Agricultural/Livestock buildings

Cat No.	Water Pipe	Wire Range	Screw Thread Size	Dimensions in inches		Box Qty	Each
				A	B		
Ground Pipe Clamps							
90627	1/2" - 1"	2-10	1/4-20	2.25	1.64	50	
90628	1-1/4" - 2"	2-10	5/16-18	3.54	2.48	50	
Ground Pipe Clamps for Direct Burial							
90629	1/2" - 1"	2-10	1/4-20	2.25	1.64	25	
90630	1-1/4" - 2"	2-10	5/16-18	3.54	2.48	15	
Ground Pipe Clamps for Rebar & Direct Burial							
90631	1/2" - 1"	2-10	1/4-20	2.25	1.64	25	

Ground Pipe Clamps with Adaptor Serrations



- Ground clamp has serrations that would match the serration of the adapter when mounted on it
- Manufactured from cast copper alloy
- Supplied with steel screws, plated for corrosion resistance
- Provides maximum conductivity & strength
- Used to connect copper grounding conductor to water pipe, ground rod & copper heater tubing

Cat No.	Water Pipe Range	Wire Range		Box Qty	Each
		Min	Max		
91660	1/2" - 1"	10 SOL	2 STR	25	
91662	1-1/4" - 2"	10 SOL	2 STR	25	
91664	2-1/4" - 4"	10 SOL	2 STR	25	
91666	4-1/2" - 6"	10 SOL	2 STR	25	

Aluminum Ground Clamps



- Manufactured from high strength aluminum alloy
- Can be reversed to accept smaller diameter ground rods
- Tin plated for low contact resistance, and corrosion protection
- Dual rated for copper or aluminum wire
- For connecting copper or aluminum conductor to water pipe, ground rod, copper water pipe, galvanized pipe or steel conduit

Cat No.	Water Pipe Range	Wire Range		Screw Size		Box Qty	Each
		Min	Max	Top	Side		
90633	1/2" - 1"	14	1/0	7/16" x .55	1/4" x 1.50	25	

POWER CONNECTORS

Ground Clamp for Rigid Conduit



- For bonding ground wires to water pipe
- Cast from high strength plated steel hardware
- Manufactured from cast copper alloy
- Steel screws, Zinc plated
- Suitable to connect grounding conductor in rigid conduit to water pipe ground rod & copper weld tubing
- Hub swings 360° for easy alignment

Cat No.	Water Pipe Range	Conduit size	Conductor		Top Screw Size	Side Screw Size	Box Qty	Each
			Min	Max				
90601	1/2" - 1"	1/2"	10	2	1/4 x .63	1/4 x 1.50	25	
90602	1/2" - 1"	3/4"	10	2	1/4 x .63	1/4 x 1.50	25	
90603	1/2" - 1"	1"	10	2	1/4 x .63	1/4 x 1.50	25	
90604	1-1/4" - 2"	1/2"	10	2	5/16 x .73	5/16 x 2.25	15	
90605	1-1/4" - 2"	3/4"	10	2	5/16 x .73	5/16 x 2.25	15	
90606	1-1/4" - 2"	1"	10	2	5/16 x .73	5/16 x 2.25	15	

Ground Clamps for Armored or Unarmored Wire



- Manufactured from cast copper alloy
- Supplied with steel screws, plated for corrosion resistance
- Special pressure bar grips cable insulation to decrease chances of grounding conductors being pulled out
- Provides maximum conductivity & strength
- Used to connect armored or unarmored wire to water pipe for grounding

Cat No.	Water Pipe Range	Wire Range		Box Qty	Each
		Min	Max		
91670	1/2" - 1"	8 SOL	4 STR	25	
91672	1-1/4" - 2"	8 SOL	4 STR	25	

Ground Clamps for Armored or Unarmored Wires



- Manufactured from cast copper alloy
- Supplied with steel screws, plated for corrosion resistance
- Special pressure bar grips cable insulation to decrease chances of grounding conductors being pulled out
- Pressure bar swings 360° for easy alignment
- Provides maximum conductivity & strength
- Used to connect armored or unarmored wire to water pipe for grounding

Cat No.	Water Pipe Range	Wire Range		Box Qty	Each
		Min	Max		
91680	1/2" - 1"	10 SOL	6 SOL	25	
91682	1-1/4" - 2"	10 SOL	6 SOL	25	

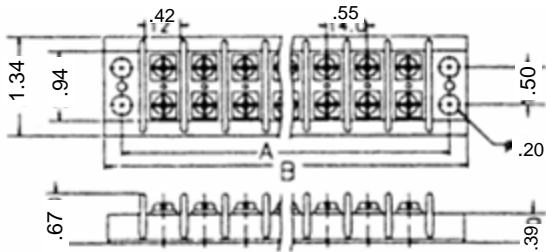
Ground Clamps with Adaptor for Armored or Unarmored



- Adaptors have serrations that match the serration of ground clamp
- Manufactured from cast copper alloy
- Supplied with steel screws, plated for corrosion resistance
- Provides maximum conductivity & strength
- Used to connect armored or unarmored wire to water pipe for grounding

Cat No.	Water Pipe Range	Wire Range		Box Qty	Each
		Min	Max		
91690	1/2" - 1"	8 STR	4/0 STR	25	
91692	1-1/4" - 2"	8 STR	4/0 STR	25	
91694	2-1/4" - 4"	8 STR	4/0 STR	15	
91696	4-1/2" - 6"	8 STR	4/0 STR	15	

Terminal Strips



Measurement = inches

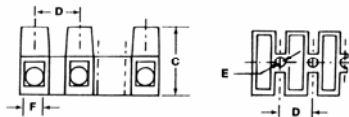
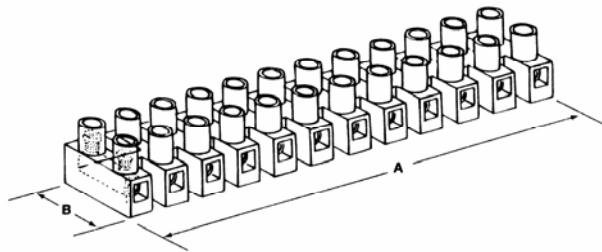
- Terminal Strips are popular to eliminate splicing
- High density circuitry can be attained to conserve space
- Rated: 30A UL 300VAC CSA 600VAC
- .562" Center Spacing
- Insulation Withstands Voltage: AC 2000V/min
- Insulation Resistance: 1000M or More at DC500V
- Using Temperature Range: -40°F to 248°F (-40°C to 120°C)
- Screw Torque Value: 18 Kg-cm
- Wire Range Awg: 12-18 Str
- Insulator Body: Plastic Nylon 66 (UL 94V-0)
- Brass Tin Plated Terminals 0.8t
- Terminal Screws: M4 Nickel plated Brass

Cat No.	Poles	A	B	Pkg Qty	Each Strip
Header Card - 2 Pack					
22122	2	1.65"	2.05"	2	
22123	3	2.20"	2.60"	2	
22124	4	2.76"	3.15"	2	
22126	6	3.86"	4.25"	2	
22128	8	4.96"	5.35"	2	
22130	10	6.06"	6.46"	2	
22132	12	7.17"	7.56"	2	
Bag - 10 Pack					
22022	2	1.65"	2.05"	10	
22023	3	2.20"	2.60"	10	
22024	4	2.76"	3.15"	10	
22026	6	3.86"	4.25"	10	
22028	8	4.96"	5.35"	10	
22030	10	6.06"	6.46"	10	
22032	12	7.17"	7.56"	10	



WIRE MANAGEMENT

Terminal Blocks



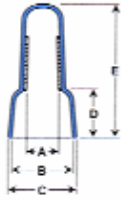
- Touchproof Recessed screws and tubular contacts provide added safety and helps prevent short circuits
- Tubular contacts connect stripped, un-terminated solid or stranded wire directly to each contact
- Integrated stainless steel spring wire protectors prevent twisting and breakage of stranded wire during connection
- Modular 12-circuit design can be cut into smaller sections, or stacked end-to-end
- Dead front design to prevent shorts
- Rugged nylon 66 housing, UL 94V2
- Operating temperature rated at 230°F(110°C)
- Brass metal alloy, nickel plated terminal insert
- Zinc plated, yellow chromed screws
- Can be used for AC & DC

Measurement = inches

Cat No.	Amp	Volts	Wire Range	A	B	C	D	E	F	Bag Qty	Each Block
Header Card - 2 Pack											
22152	20	300	22-12	3.79	.669	.570	.315	.114	.110	2	
22154	30	300	22-10 Sol 22-12 Str	4.62	.795	.670	.394	.142	.134	2	
22156	35	300	22-10	5.54	.937	.748	.472	.154	.154	2	
22158	50	300	20-8	6.22	1.008	.992	.531	.173	.189	2	
Bag - 10 Pack											
22052	20	300	22-12	3.79	.669	.570	.315	.114	.110	10	
22054	30	300	22-10 Sol 22-12 Str	4.62	.795	.670	.394	.142	.134	10	
22056	35	300	22-10	5.54	.937	.748	.472	.154	.154	10	
22058	50	300	20-8	6.22	1.008	.992	.531	.173	.189	10	

WIRE MANAGEMENT

Pre-Insulated Crimp Connectors



- Nylon insulated copper tube sleeve 221°F (105°C) rated
- Use in light fixtures, appliances and other electrical OEM applications, holds wires firmly even amidst vibration
- Compact design fits easily into tight locations
- Flared skirt protects against turned back strands
- Beveled opening eases wire entry
- Simply twist conductors together and crimp
- Rugged, yet resilient insulator

Cat No.	Wire Range	A	B	C	D	E	Bag Qty	Master Bag Qty	Per 100
Hanging Bag 25 Pack									
22100	No.22 Thru 18 Awg	.102	.244	.307	.244	.709	25	100	
22102	No.22 Thru 14 Awg	.118	.311	.374	.283	.776	25	100	
22104	No.22 Thru 10 Awg	.157	.413	.492	.378	1.004	25	100	
22106	No.16 Thru 10 Awg	.209	.488	.575	.472	1.091	25	100	
Bagged 100 Pack									
22000	No.22 Thru 18 Awg	.102	.244	.307	.244	.709	100	1000	
22002	No.22 Thru 14 Awg	.118	.311	.374	.283	.776	100	1000	
22004	No.22 Thru 10 Awg	.157	.413	.492	.378	1.004	100	1000	
22006	No.16 Thru 10 Awg	.209	.488	.575	.472	1.091	100	1000	
High Temperature 150°F Bagged 100 Pack									
22007	No.22 Thru 14 Awg	.118	.311	.374	.283	.776	25	100	
22008	No.22 Thru 10 Awg	.157	.413	.492	.378	1.004	25	100	

Insulation Displacement Connectors (IDC) Telecommunications Splicing



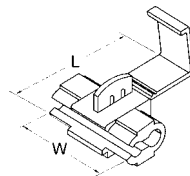
10752 UB 2 port 10754 UR 3 port 10756 UY 2 port

- **UB** permits tapping into existing conductors without service interruption
- **UR** cut into service lines in ready-access cases for pedestal mounts & pigtail joints on cable splices or tapping into load coils such as toll cable splicing
- **UY** designed for straight splicing

- IDC connectors create fast splice and tap on solid copper wires
- Corrosion resistant gel sealant to protect connection
- Designed for low voltage telecommunication cables
- Quick, easy one-step splicing
- Moisture-resistant sealant protects wires from corrosion
- Use with solid copper single-conductor wire

Cat No.	Description	Color	Wire Range	Insulation	W	L	H	Bag Qty	Master Bag Qty	Per 100
10752	2-Port tap Splice IDC	Blue	22-26	.050"	.379"	.326"	.24"	25	100	
10754	3-Port Butt Splice IDC	Red	19-26	.066"	.475"	.762"	.23"	25	100	
10756	2-Port Butt Splice IDC	Yellow	22-26	.060"	.340"	.475"	.23"	25	100	

Quick Splice Connectors



- Pre-insulated tap connector splices into wire
- Used for quick connections with no wire stripping
- Simply insert both wires, squeeze down the metal insert with a plier and snap the cover into place

MAXIMUM ELECTRIC CURRENT:

22-18 AWG: 10 AMPERE

18-14 AWG: 15 AMPERE

12-10 AWG: 24 AMPERE

MAXIMUM ELECTRIC RATING:

600 VOLTS MAX. 302°F (150°C)

INSULATION MATERIAL: P.P.

TERMINAL MATERIAL: BRASS

Cat No.	Color	Wire Range	W	L	Bag Qty	Master Bag Qty	Per 100
10772	Red	22-18	.787"	1.063"	25	100	
10774	Blue	18-14	.787"	1.063"	25	100	
10776	Yellow	12-10	.807"	1.358"	25	100	



WIRE MANAGEMENT

Wire & Wing Connectors Packaging



Bag 25 Pack



Boxed 100 Pack



Bulk 500 Pack



Small Jar



Large Jar

Combo Handy Pack Wire & Wing Connectors



4 Different sizes of connectors in a Handy Pack



Contains the following :

Qty	Product Number	Description
90 Connectors	23073	Orange Wire Connector
60 Connectors	23074	Yellow Wire Connector
40 Connectors	23076	Red Wire Connector
40 Connectors	23085	Tan Twisted Wing Connector

Cat No.	Handy Packs Per Case	Per Handy Pack
23512	16	

Contains the following :

Qty	Product Number	Description
90 Connectors	23073	Orange Wire Connector
50 Connectors	23084	Yellow Twisted Wing Connector
40 Connectors	23085	Tan Twisted Wing Connector
30 Connectors	23086	Red Twisted Wing Connector

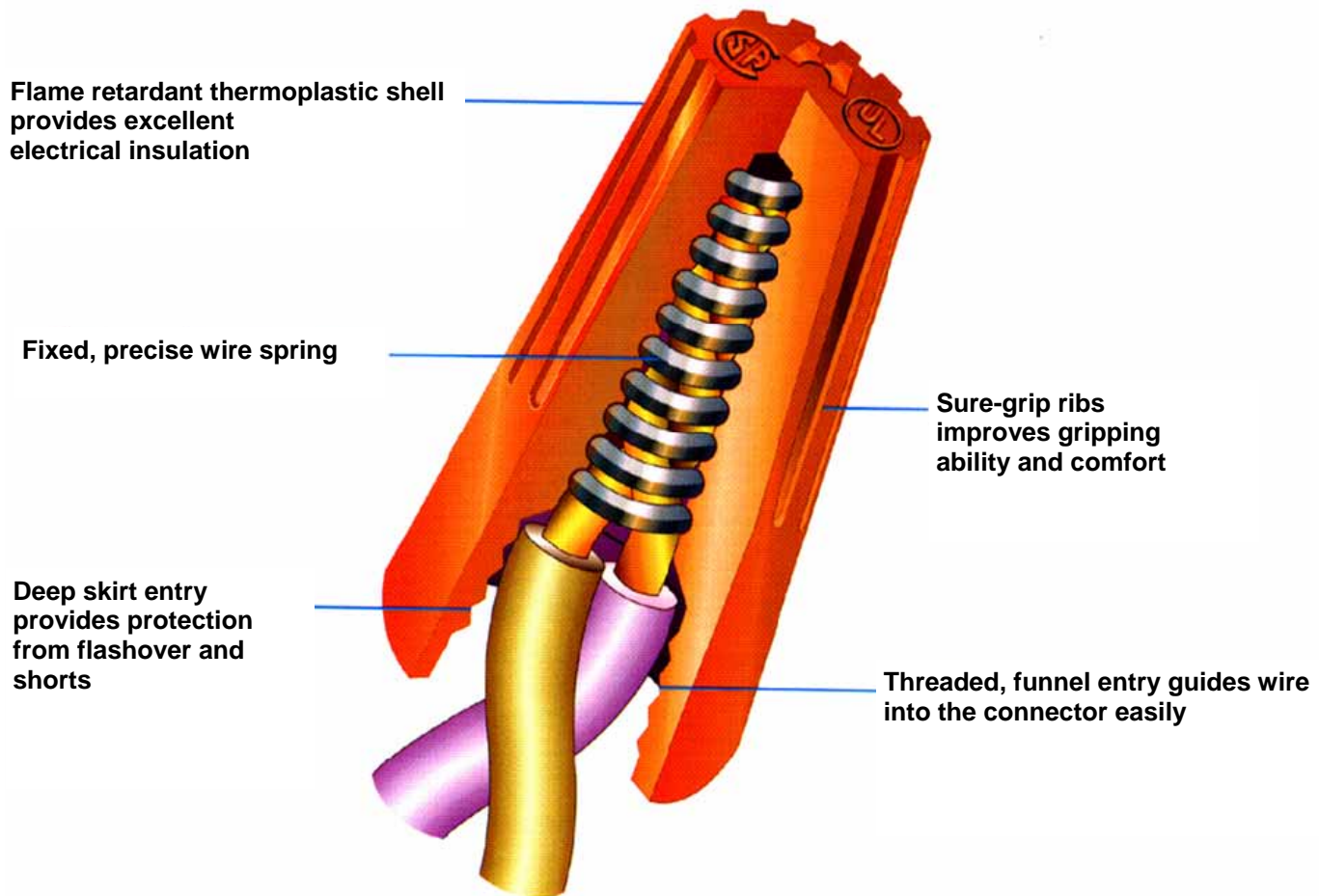
Cat No.	Handy Packs Per Case	Per Handy Pack
23514	16	

Contains the following :

Qty	Product Number	Description
90 Connectors	23073	Orange Wire Connector
60 Connectors	23074	Yellow Wire Connector
60 Connectors	23054	Yellow Easy Cap Wire Connector
40 Connectors	23056	Red Easy Cap Wire Connector

Cat No.	Handy Packs Per Case	Per Handy Pack
23516	16	

Screw-On Wire Connectors

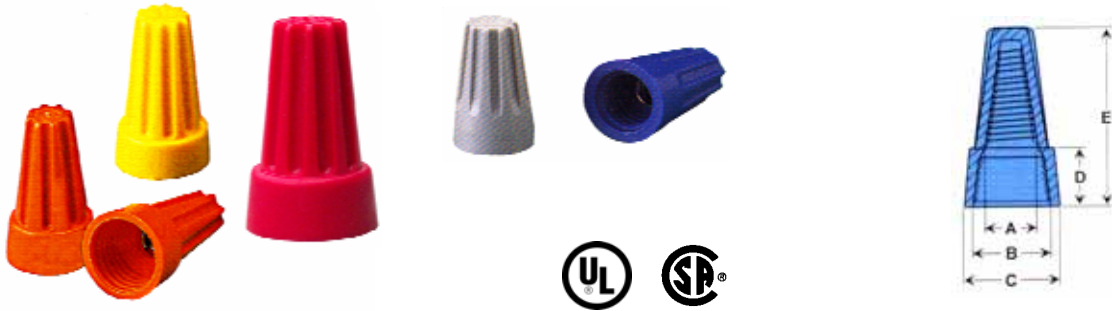


- Six color-coded models cover a full range of wire sizes from 22 through 8 Awg
- Ribbed-Cap provides a more secure grip and faster fingertip starts even when hands become slippery
- Temperature rated at 221^oF (105^oC) maximum
- No pre-twisting of conductors is required – spring creates its own thread
- Reusable connector threads on or off splice for fast and easy circuit changes and additions
- Tough, UL 94V-2 Flame retardant shell will not crack or break, even when applied to maximum wire combinations under extreme pressure



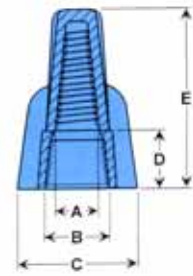
WIRE MANAGEMENT

Screw-On Wire Connectors



No.	Type	Color	Wire Combinations	Max Volts	A	B	C	D	E	Qty	Case Qty	Per 100
Hanging Bag 25 Pack												
23271	P1	Gray	No.22 Thru 14 Awg	300V	.150	.264	.339	.228	.598	25	1250	
23272	P2	Blue	No.22 Thru 14 Awg	300V	.161	.276	.386	.232	.693	25	1250	
23273	P3	Orange	No.22 Thru 14 Awg	600V	.197	.390	.480	.307	.862	25	1250	
23274	P4	Yellow	No. 22 Thru 10 Awg	600V	.236	.441	.551	.311	.937	25	1250	
23276	P6	Red	No. 22 Thru 8 Awg	600V 1000V fixtures & signs	.276	.504	.630	.350	1.047	25	1250	
Boxed 100 Pack												
23071	P1	Gray	No.22 Thru 14 Awg	300V	.150	.264	.339	.228	.598	100	10,000	
23072	P2	Blue	No.22 Thru 14 Awg	300V	.161	.276	.386	.232	.693	100	10,000	
23073	P3	Orange	No.22 Thru 14 Awg	600V	.197	.390	.480	.307	.862	100	10,000	
23074	P4	Yellow	No. 22 Thru 10 Awg	600V	.236	.441	.551	.311	.937	100	6,000	
23076	P6	Red	No. 22 Thru 8 Awg	600V 1000V fixtures & signs	.276	.504	.630	.350	1.047	100	3600	
Bagged Bulk Pack												
23171	P1	Gray	No.22 Thru 14 Awg	300V	.150	.264	.339	.228	.598	1000	20,000	
23172	P2	Blue	No.22 Thru 14 Awg	300V	.161	.276	.386	.232	.693	1000	10,000	
23173	P3	Orange	No.22 Thru 14 Awg	600V	.197	.390	.480	.307	.862	500	10,000	
23174	P4	Yellow	No. 22 Thru 10 Awg	600V	.236	.441	.551	.311	.937	500	5,000	
23176	P6	Red	No. 22 Thru 8 Awg	600V 1000V fixtures & signs	.276	.504	.630	.350	1.047	500	5,000	
Small Jar												Per Jar
23373	P3	Orange	No.22 Thru 14 Awg	600V	.197	.390	.480	.307	.862	350	11,200	
23374	P4	Yellow	No.22 Thru 10 Awg	600V	.236	.441	.551	.311	.937	250	8,000	
23376	P6	Red	No. 22 Thru 8 Awg	600V 1000V fixtures & signs	.276	.504	.630	.350	1.047	150	4,800	
Large Jar												Per Jar
23473	P3	Orange	No.22 Thru 14 Awg	600V	.197	.390	.480	.307	.862	900	10,800	
23474	P4	Yellow	No.22 Thru 10 Awg	600V	.236	.441	.551	.311	.937	600	7,200	
23476	P6	Red	No. 22 Thru 8 Awg	600V 1000V fixtures & signs	.276	.504	.630	.350	1.047	400	4,800	
Handy Pack												Per Pack
23573	P3	Orange	No.22 Thru 14 Awg	600V	.197	.390	.480	.307	.862	350	5600	
23574	P4	Yellow	No.22 Thru 10 Awg	600V	.236	.441	.551	.311	.937	250	4000	
23576	P6	Red	No. 22 Thru 8 Awg	600V 1000V fixtures & signs	.276	.504	.630	.350	1.047	180	2880	

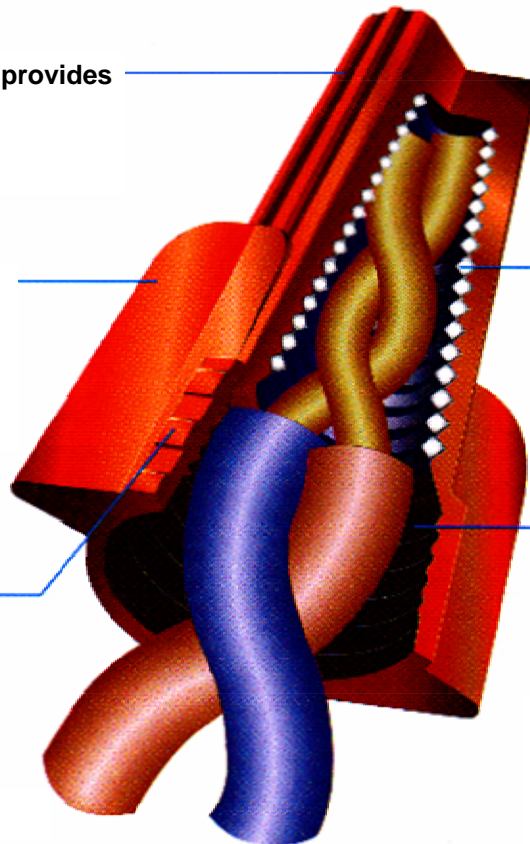
Twisted Winged Connectors



Flame retardant thermoplastic shell provides excellent electrical insulation

Swept-back wing design fits into your fingers naturally and provides finger-tip comfort which allows for increased torquing power

Square spots on the surface of connector provide more grasp and reduce slip through your fingers



Square wire spring provides more securely gripping on conductors

Deep skirt entry provides protection from flashover and shorts

- Color coded for easy identification
- Swept wing fits into your hand naturally to give extra torque leverage and reduce the effort required for connecting even large wire combinations, yet compact, with narrow profile to take up less space in junction boxes
- Ribbed-Cap provides more secure grip and faster fingertip starts even when hands become slippery
- Temperature rated at 221°F (105°C) maximum
- No pre-twisting of conductors is required – spring creates its own thread
- Reusable connector threads on or off splice for fast and easy circuit changes and additions
- Tough, UL 94V-2 Flame retardant shell will not crack or break, even when applied to maximum wire combinations under extreme pressure



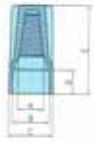
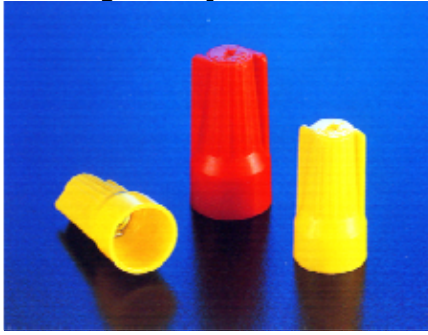
WIRE MANAGEMENT

Twisted Winged Connectors

No.	Color	Wire Combinations	Max Volts	A	B	C	D	E	Qty	Case Qty	Per 100
Hanging Bag Small Pack											
23284	Yellow	No.18 Thru 10 Awg	600V 1000V fixtures & signs	.252	.386	.717	.354	1.016	25	1250	
23285	Tan	No.22 Thru 8 Awg	600V 1000V fixtures & signs	.283	.457	.720	.362	1.142	25	1250	
23286	Red	No. 18 Thru 8 Awg Min. 3 No.16	600V 1000V fixtures & signs	.354	.531	.906	.378	1.252	25	1250	
23288	Gray	No. 18 Thru 8 Awg	600V 1000V fixtures & signs	.394	.587	1.000	.394	1.311	6	1250	
23290	Blue	No. 14 Thru 6 Awg	600V 1000V fixtures & signs	.472	.740	1.260	.516	1.575	6	1250	
Boxed 100 Pack											
23084	Yellow	No.18 Thru 10 Awg	600V 1000V fixtures & signs	.252	.386	.717	.354	1.016	100	6000	
23085	Tan	No.22 Thru 8 Awg	600V 1000V fixtures & signs	.283	.457	.720	.362	1.142	100	4800	
23086	Red	No. 18 Thru 8 Awg	600V 1000V fixtures & signs	.354	.531	.906	.378	1.252	100	3600	
Bagged Bulk Pack											
23184	Yellow	No.18 Thru 10 AwgG	600V 1000V fixtures & signs	.252	.386	.717	.354	1.016	500	5000	
23185	Tan	No.22 Thru 8 Awg	600V 1000V fixtures & signs	.283	.457	.720	.362	1.142	500	5000	
23186	Red	No. 18 Thru 8 Awg Min. 3 No.16	600V 1000V fixtures & signs	.354	.531	.906	.378	1.252	500	5000	
23188	Gray	No. 18 Thru 8 Awg	600V 1000V fixtures & signs	.394	.587	1.000	.394	1.311	100	2500	
23190	Blue	No. 14 Thru 6 Awg	600V 1000V fixtures & signs	.472	.740	1.260	.516	1.575	100	1500	
Small Jar											Per Jar
23384	Yellow	No.18 Thru 10 AwgG	600V 1000V fixtures & signs	.252	.386	.717	.354	1.016	200	6400	
23385	Tan	No.22 Thru 8 Awg	600V 1000V fixtures & signs	.283	.457	.720	.362	1.142	150	4800	
23386	Red	No. 18 Thru 8 Awg Min. 3 No.16	600V 1000V fixtures & signs	.354	.531	.906	.378	1.252	100	3200	
Large Jar											Per Jar
23484	Yellow	No.18 Thru 10 AwgG	600V 1000V fixtures & signs	.252	.386	.717	.354	1.016	550	6600	
23485	Tan	No.22 Thru 8 Awg	600V 1000V fixtures & signs	.283	.457	.720	.362	1.142	450	5400	
23486	Red	No. 18 Thru 8 Awg Min. 3 No.16	600V 1000V fixtures & signs	.354	.531	.906	.378	1.252	300	3600	
Handy Pack											Per Pack
23584	Yellow	No.18 Thru 10 AwgG	600V 1000V fixtures & signs	.252	.386	.717	.354	1.016	250	4000	
23585	Tan	No.22 Thru 8 Awg	600V 1000V fixtures & signs	.283	.457	.720	.362	1.142	200	3200	
23586	Red	No. 18 Thru 8 Awg Min. 3 No.16	600V 1000V fixtures & signs	.354	.531	.906	.378	1.252	130	2080	

WIRE MANAGEMENT

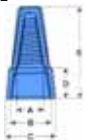
Easy-Cap Wire Connectors



- Plastic cap molded by strong, durable UL94V-2 flame retardant thermoplastic
- Swept-back easy wings designed to provide firm & comfortable twisting
- Inserted with fixed square-wire spring, grabs wires quickly and firmly
- Color coded to industry standard
- Compact design perfect for tight spaces
- 600V, 1000 Volts Max. in lighting fixtures and signs

No.	Color	Wire Combinations	A	B	C	D	E	Qty	Case Qty	Per 100
Hanging Bag 25 Pack										
23254	Yellow	No.10 Thru 22 Awg	.287	.429	.492	.417	.992	25	1250	
23256	Red	No.6 Thru 22 Awg	.358	.520	.583	.453	1.161	25	1250	
Boxed 100 Pack										
23054	Yellow	No.10 Thru 22 Awg	.287	.429	.492	.417	.992	100	6000	
23056	Red	No.6 Thru 22 Awg	.358	.520	.583	.453	1.161	100	4800	
Bulk 500 Pack										
23154	Yellow	No.10 Thru 22 Awg	.287	.429	.492	.417	.992	500	5000	
23156	Red	No.6 Thru 22 Awg	.358	.520	.583	.453	1.161	500	5000	
Small Jar										Per Jar
23354	Yellow	No.10 Thru 22 Awg	.287	.429	.492	.417	.992	250	8000	
23356	Red	No.6 Thru 22 Awg	.358	.520	.583	.453	1.161	100	3200	
Large Jar										Per Jar
23454	Yellow	No.10 Thru 22 Awg	.287	.429	.492	.417	.992	600	7200	
23456	Red	No.6 Thru 22 Awg	.358	.520	.583	.453	1.161	400	4800	
Handy Pack										Per Pack
23554	Yellow	No.10 Thru 22 Awg	.287	.429	.492	.417	.992	250	4000	
23556	Red	No.6 Thru 22 Awg	.358	.520	.583	.453	1.161	170	2720	

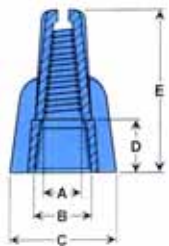
High Temperature Wire Connectors



- Black, thermoplastic shell specially designed to withstand the extreme heat build-up commonly found in high-wattage light fixture and signs, 302°F (150°C)

No.	Type	Wire Combinations	Max Volts	A	B	C	D	E	Bag Qty	Case Box	Per 100
23161	P1	No.22 Thru 16 Awg	300V	.15	.264	.339	.228	.598	100	20,000	
23163	P3	No.22 Thru 14 Awg	600V 1000V fixtures & Signs	.197	.390	.480	.307	.866	100	5000	

Grounding Connectors



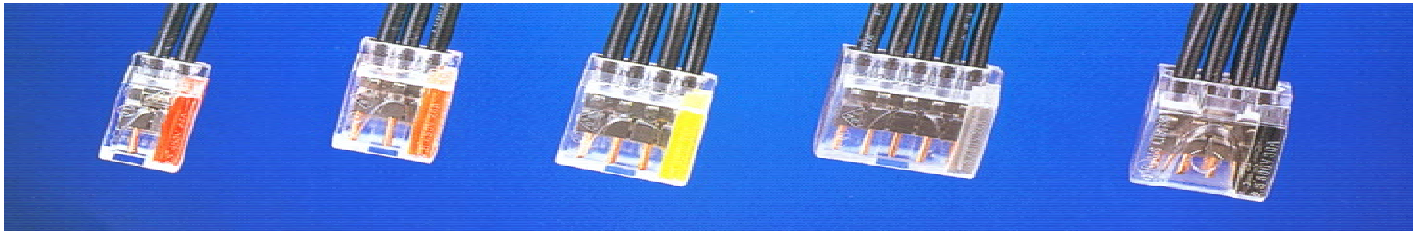
- Color coded Green for quick identification as grounding connector
- Specifically designed for making positive ground connections and bonding non-metallic sheathed cable
- Live action square spring draws wires deep into spring for safe, tight grip and making a strong connection
- Built-in swept-back designed wing enables users to tighten connectors easily without tools

No.	Color	Wire Combinations	A	B	C	D	E	Bag Qty	Case Qty	Per 100
23292	Green	No.14 Thru 10 Awg	.327	.476	.795	.370	1.134	25	5000	
23192	Green	No.14 Thru 10 Awg	.327	.476	.795	.370	1.134	100	5000	



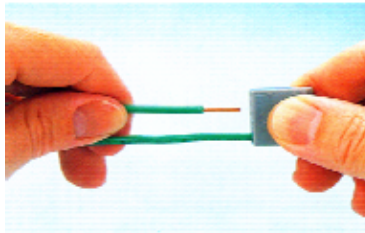
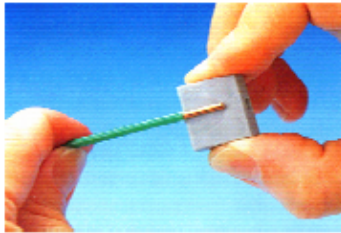
WIRE MANAGEMENT

Push-In Wire Connectors



No Twisting! Just Push-in! Quick & Safe! Reduce Installation

Easy for installation:



1. **TURN OFF POWER.** Strip wire approximately 0.45 inches. The stripping length is built on the connector.

2. Push the stripped solid conductor fully into the port of connector. No more twisting or taping.

3. Use a voltage tester to test your connection via the port on the connector

4. Applications:
- OEM lighting manufacturing
 - Junction boxes
 - Control Panels
 - Security/Alarm systems
 - Prefabricated wiring systems
 - Lighting Retrofit

To correct or change wires, simply hold the wire to be removed firmly, then twist alternating left and right while pulling on the connector.



- Easy to Install - instead of twisting or taping, simply push wires into contact to save you time and money
- Low wire insertion force needed allows fast, easy connections
- No-twist connection reduces repetitive motion fatigue
- Re-useable making changes easy and reducing waste of connectors
- Clear housing for connection confirmation
- Check port for continuity testing
- Electrolytic tin-plated internal copper bus for high conductivity
- Housing material: Thermoplastic, UL 94V-2 flame retardant
- Current: 24A (VDE)
- Voltage: UL-600V, VDE-450V
- Working Temperature: 230°F (110°C)
- Wire Range: 12-22 AWG Solid conductor
- Color Coded according to different position
- UL listed copper to copper

No.	Poles	Color	L	W	H	Qty	Case Qty	Per 100
Hanging Bag 25 Pack								
23222	2	Red	.768	.413	.374	25	1250	
23223	3	Orange	.776	.531	.374	25	1250	
23224	4	Yellow	.776	.677	.374	25	1250	
23225	5	Gray	.776	.831	.374	25	1250	
23228	8	Black	.748	.689	.661	25	1250	
Boxed 100 Pack								
23012	2	Red	.768	.413	.374	100	10,000	
23013	3	Orange	.776	.531	.374	100	6,000	
23014	4	Yellow	.776	.677	.374	100	6,000	
23015	5	Gray	.776	.831	.374	100	6,000	
23018	8	Black	.748	.689	.661	50	3,000	
Bagged 100 Pack								
23022	2	Red	.768	.413	.374	100	5,000	
23023	3	Orange	.776	.531	.374	100	5,000	
23024	4	Yellow	.776	.677	.374	100	5,000	
23025	5	Gray	.776	.831	.374	100	5,000	
23028	8	Black	.748	.689	.661	100	2,500	



WIRE MANAGEMENT

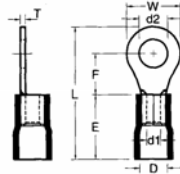
- Color Coded insulation for easy identification
- Manufactured from high strength copper alloy
- Electro-tin plated for corrosion resistance
- Wire range stamped on the surface for easy interpretation
- Packed in Zip Lock plastic bags with punched hole for pegboard hanging



- Easy entry expanded insulation eliminates strand "Hang Up" increasing crimping rates and provides mechanical strain relief
- Serrated Barrel provides excellent electrical contact & resistance to pullout forces
- Vinyl terminals have butted seams
- Brazed seam on our Nylon & Non-Insulated terminals prevents splitting under maximum pressure
- Nylon insulated terminals provide superior chemical resistance and temperature characteristics for demanding applications
- Double Crimp Disconnects have an extended copper sleeve for multiple crimps

Ring Terminals – 25 PACK

(100 Pack located on Page 49)

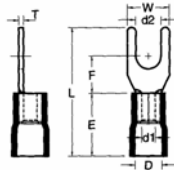


- Vinyl Insulated
- Electro Tin Plated Copper
- Expanded Insulation
- Serrated Barrel
- 105°C 600 Volts Max

Cat No.	Color	Wire Size	Stud Size	d2	W	F	L	E	D	d1	T	Bag Qty	Master Bag Qty	Per 100
01012	Red	22-16	#6	.146	.260	.248	.811	.441	.157	.067	.031	25	100	
01014	Red	22-16	#8	.169	.315	.276	.866	.441	.157	.067	.031	25	100	
01016	Red	22-16	#10	.209	.315	.276	.866	.441	.157	.067	.031	25	100	
01018	Red	22-16	1/4	.252	.457	.433	1.102	.441	.157	.067	.031	25	100	
01032	Blue	16-14	#6	.146	.260	.248	.823	.453	.177	.091	.031	25	100	
01034	Blue	16-14	#8	.169	.335	.307	.917	.453	.177	.091	.031	25	100	
01036	Blue	16-14	#10	.209	.335	.307	.917	.453	.177	.091	.031	25	100	
01038	Blue	16-14	1/4	.252	.472	.433	1.114	.453	.177	.091	.031	25	100	
01040	Blue	16-14	5/16	.331	.472	.433	1.114	.453	.177	.091	.031	25	100	
01042	Blue	16-14	3/8	.413	.535	.547	1.260	.453	.177	.091	.031	25	100	
01062	Yellow	12-10	#8	.169	.283	.240	.937	.555	.248	.134	.039	25	100	
01064	Yellow	12-10	#10	.209	.374	.327	1.067	.555	.248	.134	.039	25	100	
01066	Yellow	12-10	1/4	.252	.472	.413	1.205	.555	.248	.134	.039	25	100	
01068	Yellow	12-10	5/16	.331	.591	.524	1.382	.555	.248	.134	.039	25	100	
01070	Yellow	12-10	3/8	.413	.591	.524	1.382	.555	.248	.134	.039	25	100	

Spade Terminals - 25 PACK

(100 Pack located on Page 53)



- Vinyl Insulated
- Electro Tin Plated Copper
- Expanded Insulation
- Serrated Barrel
- 105°C 600 Volts Max

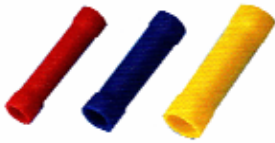
Cat No.	Color	Wire Size	Stud Size	d2	W	F	L	E	D	d1	T	Bag Qty	Master Bag Qty	Per 100
01112	Red	22-16	#6	.146	.252	.256	.874	.441	.157	.067	.030	25	100	
01114	Red	22-16	#8	.169	.252	.256	.874	.441	.157	.067	.030	25	100	
01116	Red	22-16	#10	.209	.319	.256	.874	.441	.157	.067	.030	25	100	
01118	Red	22-16	1/4	.252	.472	.433	1.11	.441	.157	.067	.030	25	100	
01132	Blue	16-14	#6	.146	.283	.256	.886	.453	.177	.091	.031	25	100	
01134	Blue	16-14	#8	.169	.311	.256	.886	.453	.177	.091	.031	25	100	
01136	Blue	16-14	#10	.209	.366	.256	.886	.453	.177	.091	.031	25	100	
01138	Blue	16-14	1/4	.252	.472	.433	1.110	.453	.177	.091	.031	25	100	
01162	Yellow	12-10	#8	.169	.354	.276	1.047	.555	.248	.134	.039	25	100	
01164	Yellow	12-10	#10	.209	.354	.276	1.1047	.555	.248	.134	.039	25	100	
01166	Yellow	12-10	1/4	.252	.472	.472	1.283	.555	.248	.134	.039	25	100	
01168	Yellow	12-10	5/16	.331	.551	.413	1.244	.555	.248	.134	.039	25	100	



WIRE MANAGEMENT

Butt Connectors - 25 PACK

(100 Pack located on Page 64)



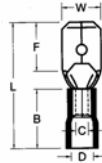
Measurements in Inches

- Vinyl Insulated
- Electro Tin Plated Copper
- Expanded Insulation
- 167°F (75°C) 600 Volts Max

Cat No.	Color	Wire Size	L	D	d1	Bag Qty	Master Bag Qty	Per 100
01182	Red	22-16	.969	.157	.067	25	100	
01184	Blue	16-14	.969	.177	.091	25	100	
01186	Yellow	12-10	1.043	.248	.134	25	100	

Male Disconnectors – 25 PACK

(100 Pack located on Page 58)



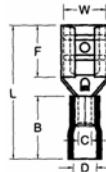
Measurements in Inches

- Vinyl Insulated
- Electro Tin Plated Brass
- Expanded Insulation
- Serrated Barrel
- 167°F (75°C) 300 Volts Max

Cat No.	Color	Wire Size	Tab Size	W	F	L	B	C	D	T	Bag Qty	Master Bag Qty	Per 100
01212	Red	22-16	.020 X .187	.189	.256	.748	.394	.067	.157	.020	25	100	
01214	Red	22-16	.032 X .250	.250	.303	.827	.394	.067	.157	.016	25	100	
01222	Blue	16-14	.020 X .187	.189	.256	.748	.394	.091	.177	.020	25	100	
01224	Blue	16-14	.032 X .250	.250	.303	.827	.394	.091	.177	.016	25	100	
01232	Yellow	12-10	.032 X .250	.250	.303	.945	.512	.134	.217	.016	25	100	

Female Disconnectors – 25 PACK

(100 Pack located on Page 58)



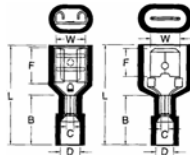
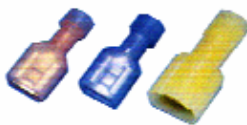
Measurements in Inches

- Vinyl Insulated
- Electro Tin Plated Brass
- Expanded Insulation
- Serrated Barrel
- 167°F (75°C) 300 Volts Max

Cat No.	Color	Wire Size	Tab Size	W	F	L	B	C	D	T	Bag Qty	Master Bag Qty	Per 100
01312	Red	22-16	.020 X .187	.197	.252	.748	.394	.067	.157	.014	25	100	
01314	Red	22-16	.032 X .250	.260	.295	.807	.394	.067	.157	.014	25	100	
01322	Blue	16-14	.020 X .187	.197	.252	.748	.394	.091	.177	.014	25	100	
01324	Blue	16-14	.032 X .250	.260	.295	.807	.394	.091	.177	.016	25	100	
01332	Yellow	12-10	.032 X .250	.260	.295	.925	.512	.134	.217	.016	25	100	

Fully Insulated Disconnectors – 25 PACK

(100 Pack located on Page 60)



Measurements in Inches

- Nylon Insulated
- Electro Tin Plated Brass
- Expanded Insulation
- Serrated Barrel
- 221°F (105°C) 300 Volts Max

Cat No.	Type	Color	Wire Size	Tab Size	W	F	L	B	C	D	T	Bag Qty	Master bag Qty	Per 100
01411	Female	Red	22-16	.032 X .250	.260	.295	.866	.433	.067	.157	.016	25	100	
01412	Female	Blue	16-14	.032 X .250	.260	.295	.866	.433	.091	.177	.016	25	100	
01414	Female	Yellow	12-10	.032 X .250	.260	.295	.945	.512	.134	.248	.016	25	100	
01415	Male	Red	22-16	.032 X .250	.250	.303	.906	.433	.067	.157	.016	25	100	
01416	Male	Blue	16-14	.032 X .250	.250	.303	.945	.433	.091	.177	.016	25	100	
01418	Male	Yellow	12-10	.032 X .250	.250	.303	.984	.512	.134	.248	.016	25	100	



WIRE MANAGEMENT

200 Piece Terminal Kit



Contains the following :

- High impact reusable plastic box
- Assortment of ring and spade terminals, butt connectors, male and female disconnects

Qty	Item ID	Item Description
4	10034	Ring Terminal 16-14 #8
6	10036	Ring Terminal 16-14 #10
4	10062	Ring Terminal 12-10 #8
10	10064	Ring Terminal 12-10 #10
4	10066	Ring Terminal 12-10 1/4"
4	10112	Spade Terminal 22-18 #6
4	10114	Spade Terminal 22-18 #8
4	10116	Spade Terminal 22-18 #10
4	10132	Spade Terminal 16-14 #6
11	10134	Spade Terminal 16-14 #8
12	10136	Spade Terminal 16-14 #10
10	10162	Spade Terminal 12-10 #8

Qty	Item ID	Item Description
24	10164	Spade Terminal 12-10 #10
4	10166	Spade Terminal 12-10 1/4"
12	10182	Butt Connector 22-18
20	10184	Butt Connector 16-14
13	10186	Butt Connector 12-10
4	10224	Male Disconnect 16-14 .250
4	10232	Male Disconnect 12-10 .250
5	10314	Female Disconnect 22-18 .250
5	10322	Female Disconnect 16-14 .187
10	10324	Female Disconnect 16-14 .250
10	10332	Female Disconnect 12-10 .250
8	10412	Female Insul Disconn 16-14 .250
4	10416	Male Insul Disconn 16-14 .250

Cat No.	Kits/Case	Per Kit
10816	5	

Multi-Way Adapters

TERMINAL MATERIAL: Brass

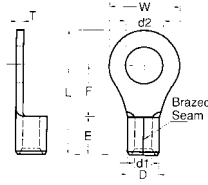
Measurement = inches

Cat No.	Description	Nema Tab	W	L	Figure	Bag Qty	Per 100
10710	2-WAY BULLET RECEPTACLE 105°C 600V	.156	.307	1.260		100	
10712	DOUBLE MALE TAB SINGLE FEMALE SLIP-ON 600V 24A	.250	.575	.787		100	
10714	3-WAY ADAPTER (2 MALE TAB) 600V 24A	.250	.291	.709		100	
10716	CHAIR ADAPTER (2 MALE TAB) 600V 24A	.250	.331	.827		100	
10718	CHAIR ADAPTER (3 MALE TAB) 600V 24A	.250	.299	.827		100	



WIRE MANAGEMENT

Non-Insulated Ring Terminals



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	9	12	17	18	30	35	50

TERMINAL MATERIAL:

Electro Tin Plated Copper Brazed Seam

FEATURES: Serrated Barrel

MAXIMUM ELECTRIC RATING: 150°C 600V



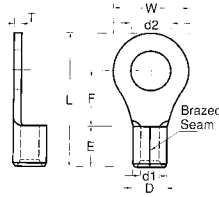
Measurement = inches

Cat No.	Wire Size	Stud Size	d2	W	F	L	E	D	d1	T	Bag Qty	Master Bag Qty	Per 100
11012	22-16	#4	.126	.217	.197	.492	.189	.134	.067	.030	100	1000	
11014	22-16	#6	.146	.260	.248	.567	.189	.134	.067	.030	100	1000	
11016	22-16	#8	.169	.315	.276	.622	.189	.134	.067	.030	100	1000	
11018	22-16	#10	.209	.315	.276	.622	.189	.134	.067	.030	100	1000	
11020	22-16	1/4	.252	.457	.433	.858	.189	.134	.067	.030	100	1000	
11022	22-16	5/16	.331	.457	.433	.858	.189	.134	.067	.030	100	1000	
11024	22-16	3/8	.413	.535	.547	1.004	.189	.134	.067	.030	100	1000	
11026	22-16	1/2	.512	.756	.630	1.197	.189	.134	.067	.030	100	1000	
11028	22-16	9/16	.591	1.063	.827	1.547	.189	.134	.067	.031	100	1000	
11030	22-16	5/8	.669	1.063	.827	1.547	.189	.134	.067	.031	100	1000	
11032	22-16	3/4	.827	1.063	.827	1.547	.189	.134	.067	.031	100	1000	
11034	16-14	#4	.126	.260	.189	.504	.189	.161	.091	.031	100	1000	
11036	16-14	#6	.146	.260	.248	.567	.189	.161	.091	.031	100	1000	
11038	16-14	#8	.169	.335	.291	.650	.189	.161	.091	.031	100	1000	
11040	16-14	#10	.209	.335	.291	.650	.189	.161	.091	.031	100	1000	
11042	16-14	1/4	.252	.472	.433	.858	.189	.161	.091	.031	100	1000	
11044	16-14	5/16	.331	.472	.433	.858	.189	.161	.091	.031	100	1000	
11046	16-14	3/8	.413	.535	.547	1.004	.189	.161	.091	.031	100	1000	
11048	16-14	1/2	.512	.756	.630	1.197	.189	.161	.091	.031	100	1000	
11050	16-14	9/16	.591	1.063	.827	1.547	.189	.161	.091	.031	100	1000	
11052	16-14	5/8	.669	1.063	.827	1.547	.189	.161	.091	.031	100	1000	
11054	16-14	3/4	.827	1.063	.827	1.547	.189	.161	.091	.031	100	1000	
11056	12-10	#6	.146	.283	.240	.618	.236	.220	.134	.039	100	1000	
11058	12-10	#8	.169	.283	.240	.618	.236	.220	.134	.039	100	1000	
11060	12-10	#10	.209	.374	.327	.748	.236	.220	.134	.039	100	1000	
11062	12-10	1/4	.252	.472	.413	.886	.236	.220	.134	.039	100	1000	
11064	12-10	5/16	.331	.591	.524	1.063	.236	.220	.134	.039	100	1000	
11066	12-10	3/8	.413	.591	.524	1.063	.236	.220	.134	.039	100	1000	
11068	12-10	1/2	.512	.756	.630	1.244	.236	.220	.134	.039	100	1000	
11070	12-10	9/16	.591	1.260	.992	1.858	.236	.220	.134	.039	100	1000	
11072	12-10	5/8	.669	1.260	.992	1.858	.236	.220	.134	.039	100	1000	
11074	12-10	3/4	.827	1.260	.992	1.858	.236	.220	.134	.039	100	1000	



WIRE MANAGEMENT

Non-Insulated Ring Terminals



MAXIMUM ELECTRIC CURRENT:

Awg	8	6	4	2
Amp	70	95	125	170

TERMINAL MATERIAL:

Electro Tin Plated Copper Brazed Seam

FEATURES: Serrated Barrel

MAXIMUM ELECTRIC RATING: 150°C 600V



Measurement = inches

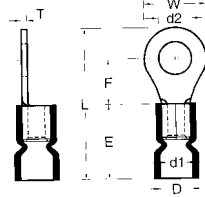
Cat No.	Wire Size AWG	Stud Size	d2	W	F	L	E	D	d1	T	Bag Qty	Master Bag Qty	Per 100
11076	8	#6	.146	.315	.366	.846	.335	.283	.177	.047	100	1000	
11078	8	#8	.169	.472	.366	.937	.335	.283	.177	.047	100	1000	
11080	8	#10	.209	.472	.366	.937	.335	.283	.177	.047	100	1000	
11082	8	1/4	.252	.472	.366	.937	.335	.283	.177	.047	100	1000	
11084	8	5/16	.331	.591	.543	1.161	.335	.283	.177	.047	100	1000	
11086	8	3/8	.413	.591	.543	1.161	.335	.283	.177	.047	100	1000	
11088	8	1/2	.512	.787	.591	1.319	.335	.283	.177	.047	100	1000	
11090	6	#8	.169	.472	.524	1.180	.413	.354	.228	.059	100	1000	
11092	6	#10	.209	.472	.524	1.180	.413	.354	.228	.059	100	1000	
11094	6	1/4	.252	.472	.524	1.180	.413	.354	.228	.059	100	1000	
11096	6	5/16	.331	.630	.559	1.280	.413	.354	.228	.059	100	1000	
11098	6	3/8	.413	.630	.559	1.280	.413	.354	.228	.059	100	1000	
11100	6	7/16	.453	.866	.780	1.614	.413	.354	.228	.059	100	1000	
11102	6	1/2	.512	.866	.780	1.614	.413	.354	.228	.059	100	1000	
11104	4	#8	.169	.480	.594	1.307	.472	.453	.303	.067	100	1000	
11106	4	#10	.209	.480	.594	1.307	.472	.453	.303	.067	100	1000	
11108	4	1/4	.252	.480	.594	1.299	.472	.453	.303	.067	100	1000	
11110	4	5/16	.331	.650	.531	1.319	.472	.453	.303	.067	100	1000	
11112	4	3/8	.413	.650	.531	1.319	.472	.453	.303	.067	100	1000	
11114	4	7/16	.453	.866	.776	1.673	.472	.453	.303	.067	100	1000	
11116	4	1/2	.512	.866	.776	1.673	.472	.453	.303	.067	100	1000	
11118	2	#10	.209	.602	.685	1.535	.551	.524	.370	.071	100	1000	
11120	2	1/4	.252	.602	.685	1.535	.551	.524	.370	.071	100	1000	
11122	2	5/16	.331	.602	.685	1.535	.551	.524	.370	.071	100	1000	
11124	2	3/8	.413	.602	.685	1.535	.551	.524	.370	.071	100	1000	
11126	2	7/16	.453	.866	.697	1.681	.551	.524	.370	.071	100	1000	
11128	2	1/2	.512	.866	.697	1.681	.551	.524	.370	.071	100	1000	



WIRE MANAGEMENT

Vinyl Insulated Ring Terminals

(25 Pack located on Page 44)



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	9	12	17	18	30	35	50

MAXIMUM ELECTRIC RATING: 105°C 600 Volts

INSULATED MATERIAL: Vinyl

TERMINAL MATERIAL: Electro Tin Plated Copper

FEATURES: Serrated Barrel, Expanded Insulation



Measurement = inches

Cat No.	Color	Wire Size AWG	Stud Size	d2	W	F	L	E	D	d1	T	Bag Qty	Master Bag Qty	Per 100
10010	Red	22-16	#4	.126	.217	.197	.736	.441	.157	.067	.031	100	1000	
10012	Red	22-16	#6	.146	.260	.248	.811	.441	.157	.067	.031	100	1000	
10014	Red	22-16	#8	.169	.315	.276	.866	.441	.157	.067	.031	100	1000	
10016	Red	22-16	#10	.209	.315	.276	.866	.441	.157	.067	.031	100	1000	
10018	Red	22-16	1/4	.252	.457	.433	1.102	.441	.157	.067	.031	100	1000	
10020	Red	22-16	5/16	.331	.457	.433	1.102	.441	.157	.067	.031	100	1000	
10022	Red	22-16	3/8	.413	.535	.547	1.248	.441	.157	.067	.031	100	1000	
10023	Red	22-16	1/2	.512	.772	.630	1.441	.441	.157	.067	.031	100	1000	
10024	Red	22-16	9/16	.591	1.063	.827	1.791	.441	.157	.067	.031	100	1000	
10026	Red	22-16	5/8	.669	1.063	.827	1.791	.441	.157	.067	.031	100	1000	
10028	Red	22-16	3/4	.827	1.063	.827	1.791	.441	.157	.067	.031	100	1000	
10030	Blue	16-14	#4	.126	.260	.189	.760	.453	.177	.091	.031	100	1000	
10032	Blue	16-14	#6	.146	.260	.248	.823	.453	.177	.091	.031	100	1000	
10034	Blue	16-14	#8	.169	.335	.307	.917	.453	.177	.091	.031	100	1000	
10036	Blue	16-14	#10	.209	.335	.307	.917	.453	.177	.091	.031	100	1000	
10038	Blue	16-14	1/4	.252	.472	.433	1.114	.453	.177	.091	.031	100	1000	
10040	Blue	16-14	5/16	.331	.472	.433	1.114	.453	.177	.091	.031	100	1000	
10042	Blue	16-14	3/8	.413	.535	.547	1.260	.453	.177	.091	.031	100	1000	
10044	Blue	16-14	1/2	.512	.756	.630	1.453	.453	.177	.091	.031	100	1000	
10046	Blue	16-14	9/16	.591	1.063	.827	1.803	.453	.177	.091	.031	100	1000	
10048	Blue	16-14	5/8	.669	1.063	.827	1.803	.453	.177	.091	.031	100	1000	
10050	Blue	16-14	3/4	.827	1.063	.827	1.803	.453	.177	.091	.031	100	1000	
10060	Yellow	12-10	#6	.146	.283	.240	.937	.555	.248	.134	.039	100	1000	
10062	Yellow	12-10	#8	.169	.283	.240	.937	.555	.248	.134	.039	100	1000	
10064	Yellow	12-10	#10	.209	.374	.327	1.024	.555	.248	.134	.039	100	1000	
10066	Yellow	12-10	1/4	.252	.472	.413	1.205	.555	.248	.134	.039	100	1000	
10068	Yellow	12-10	5/16	.331	.591	.524	1.382	.555	.248	.134	.039	100	1000	
10070	Yellow	12-10	3/8	.413	.591	.524	1.382	.555	.248	.134	.039	100	1000	
10072	Yellow	12-10	1/2	.512	.756	.630	1.563	.555	.248	.134	.039	100	1000	
10074	Yellow	12-10	9/16	.591	1.260	.992	2.177	.555	.248	.134	.039	100	1000	
10076	Yellow	12-10	5/8	.669	1.260	.992	2.177	.555	.248	.134	.039	100	1000	
10078	Yellow	12-10	3/4	.827	1.260	.992	2.177	.555	.248	.134	.039	100	1000	



WIRE MANAGEMENT

Nylon Insulated Ring Terminals

MAXIMUM ELECTRIC CURRENT:

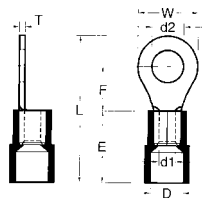
Awg	22	20	18	16	14	12	10
Amp	9	12	17	18	30	35	50

MAXIMUM ELECTRIC RATING: 221°F (105°C) 600 Volts

INSULATED MATERIAL: Nylon

TERMINAL MATERIAL: Electro Tin Plated Copper
Braze Seam

FEATURES: Serrated Barrel, Expanded Insulation



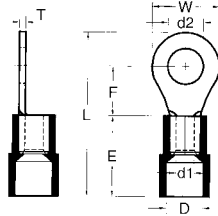
Measurement = inches

Cat No.	Color	Wire Size AWG	Stud Size	d2	W	F	L	E	D	d1	T	Bag Qty	Master Bag Qty	Per 100
11312	Red	22-16	#4	.126	.216	.197	.728	.433	.157	.067	.030	100	1000	
11314	Red	22-16	#6	.146	.260	.248	.803	.433	.157	.067	.030	100	1000	
11316	Red	22-16	#8	.169	.315	.276	.858	.433	.157	.067	.030	100	1000	
11318	Red	22-16	#10	.209	.315	.276	.858	.433	.157	.067	.030	100	1000	
11320	Red	22-16	1/4	.252	.457	.433	1.094	.433	.157	.067	.030	100	1000	
11322	Red	22-16	5/16	.331	.457	.433	1.094	.433	.157	.067	.030	100	1000	
11324	Red	22-16	3/8	.413	.535	.547	1.240	.433	.157	.067	.030	100	1000	
11326	Red	22-16	1/2	.512	.756	.630	1.433	.433	.157	.067	.030	100	1000	
11328	Red	22-16	9/16	.591	1.063	.827	1.783	.433	.157	.067	.031	100	1000	
11330	Red	22-16	5/8	.669	1.063	.827	1.783	.433	.157	.067	.031	100	1000	
11332	Red	22-16	3/4	.827	1.063	.827	1.783	.433	.157	.067	.031	100	1000	
11334	Blue	16-14	#4	.126	.260	.189	.740	.433	.177	.091	.031	100	1000	
11336	Blue	16-14	#6	.146	.260	.248	.803	.433	.177	.091	.031	100	1000	
11338	Blue	16-14	#8	.169	.335	.307	.898	.433	.177	.091	.031	100	1000	
11340	Blue	16-14	#10	.209	.335	.307	.898	.433	.177	.091	.031	100	1000	
11342	Blue	16-14	1/4	.252	.472	.433	1.094	.433	.177	.091	.031	100	1000	
11344	Blue	16-14	5/16	.331	.472	.433	1.094	.433	.177	.091	.031	100	1000	
11346	Blue	16-14	3/8	.413	.535	.547	1.240	.433	.177	.091	.031	100	1000	
11348	Blue	16-14	1/2	.512	.756	.630	1.433	.433	.177	.091	.031	100	1000	
11350	Blue	16-14	9/16	.591	1.063	.827	1.783	.433	.177	.091	.031	100	1000	
11352	Blue	16-14	5/8	.669	1.063	.827	1.783	.433	.177	.091	.031	100	1000	
11354	Blue	16-14	3/4	.827	1.063	.827	1.783	.433	.177	.091	.031	100	1000	
11356	Yellow	12-10	#6	.146	.283	.240	.894	.512	.252	.134	.039	100	1000	
11358	Yellow	12-10	#8	.169	.283	.240	.894	.512	.252	.134	.039	100	1000	
11360	Yellow	12-10	#10	.209	.374	.329	1.024	.512	.252	.134	.039	100	1000	
11362	Yellow	12-10	1/4	.252	.472	.413	1.161	.512	.252	.134	.039	100	1000	
11364	Yellow	12-10	5/16	.331	.591	.524	1.339	.512	.252	.134	.039	100	1000	
11366	Yellow	12-10	3/8	.413	.591	.524	1.339	.512	.252	.134	.039	100	1000	
11368	Yellow	12-10	1/2	.512	.756	.630	1.520	.512	.252	.134	.039	100	1000	
11370	Yellow	12-10	9/16	.591	1.260	.992	2.134	.512	.252	.134	.039	100	1000	
11372	Yellow	12-10	5/8	.669	1.260	.992	2.134	.512	.252	.134	.039	100	1000	
11374	Yellow	12-10	3/4	.827	1.260	.992	2.134	.512	.252	.134	.039	100	1000	



WIRE MANAGEMENT

Nylon Insulated Ring Terminals



MAXIMUM ELECTRIC CURRENT:

Awg	8	6	4	2
Amp	70	95	125	170

MAXIMUM ELECTRIC RATING: 221°F (105°C) 600 Volts

INSULATED MATERIAL: Nylon

TERMINAL MATERIAL: Electro Tin Plated Copper
Braze Seam

FEATURES: Serrated Barrel, Expanded Insulation

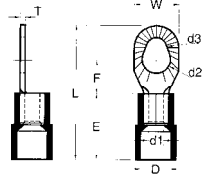


Measurement = inches

Cat No.	Color	Wire Size AWG	Stud Size	d2	W	F	L	E	D	d1	T	Bag Qty	Master Bag Qty	Per 100
11376	Red	8	#6	.146	.315	.366	1.142	.630	.315	.177	.047	100	1000	
11378	Red	8	#8	.169	.472	.366	1.232	.630	.315	.177	.047	100	1000	
11380	Red	8	#10	.209	.472	.366	1.232	.630	.315	.177	.047	100	1000	
11382	Red	8	1/4	.252	.472	.366	1.232	.630	.315	.177	.047	100	1000	
11384	Red	8	5/16	.331	.591	.543	1.469	.630	.315	.177	.047	100	1000	
11386	Red	8	3/8	.413	.591	.543	1.469	.630	.315	.177	.047	100	1000	
11388	Red	8	1/2	.512	.787	.591	1.614	.630	.315	.177	.047	100	1000	
11390	Blue	6	#8	.169	.472	.524	1.606	.846	.433	.228	.059	100	1000	
11392	Blue	6	#10	.209	.472	.524	1.606	.846	.433	.228	.059	100	1000	
11394	Blue	6	1/4	.252	.472	.524	1.606	.846	.433	.228	.059	100	1000	
11396	Blue	6	5/16	.331	.630	.559	1.713	.846	.433	.228	.059	100	1000	
11398	Blue	6	3/8	.413	.630	.559	1.713	.846	.433	.228	.059	100	1000	
11400	Blue	6	7/16	.453	.866	.780	2.047	.846	.433	.228	.059	100	1000	
11402	Blue	6	1/2	.512	.866	.780	2.047	.846	.433	.228	.059	100	1000	
11404	Yellow	4	#8	.169	.480	.594	1.780	.945	.512	.303	.067	100	1000	
11406	Yellow	4	#10	.209	.480	.594	1.780	.945	.512	.303	.067	100	1000	
11408	Yellow	4	1/4	.252	.480	.614	1.772	.945	.512	.303	.067	100	1000	
11410	Yellow	4	5/16	.331	.650	.531	1.791	.945	.512	.303	.067	100	1000	
11412	Yellow	4	3/8	.413	.650	.531	1.791	.945	.512	.303	.067	100	1000	
11414	Yellow	4	7/16	.453	.866	.776	2.146	.945	.512	.303	.067	100	1000	
11416	Yellow	4	1/2	.512	.866	.776	2.146	.945	.512	.303	.067	100	1000	
11418	Red	2	#10	.209	.602	.685	2.047	1.063	.571	.370	.071	100	1000	
11420	Red	2	1/4	.252	.602	.685	2.047	1.063	.571	.370	.071	100	1000	
11422	Red	2	5/16	.331	.602	.685	2.047	1.063	.571	.370	.071	100	1000	
11424	Red	2	3/8	.413	.602	.685	2.047	1.063	.571	.370	.071	100	1000	
11426	Red	2	7/16	.453	.866	.697	2.193	1.063	.571	.370	.071	100	1000	
11428	Red	2	1/2	.512	.866	.697	2.193	1.063	.571	.370	.071	100	1000	

WIRE MANAGEMENT

Vinyl Insulated Multiple-Stud Ring Terminals



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	9	12	17	18	30	35	50

MAXIMUM ELECTRIC RATING: 105°C 600 Volts

INSULATED MATERIAL: Vinyl

TERMINAL MATERIAL: Electro Tin Plated Copper

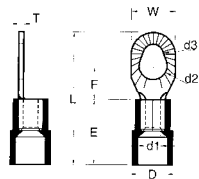
FEATURES: Serrated Barrel, Expanded Insulation



Measurement = inches

Cat No.	Color	Wire Size AWG	Stud Size	d2	W	F	L	E	D	d1	T	Bag Qty	Master Bag Qty	Per 100
11452	Red	22-16	#6	.146	.339	.311	1.012	.441	.157	.067	.030	100	1000	
	Red	22-16	#8	.169										
	Red	22-16	#10	.209										
11454	Blue	16-14	#6	.146	.339	.311	1.024	.453	.177	.091	.031	100	1000	
	Blue	16-14	#8	.169										
	Blue	16-14	#10	.209										
11456	Yellow	12-10	#6	.146	.390	.350	1.205	.555	.248	.134	.039	100	1000	
	Yellow	12-10	#8	.169										
	Yellow	12-10	#10	.209										

Nylon Insulated Multiple-Stud Ring Terminals



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	9	12	17	18	30	35	50

MAXIMUM ELECTRIC RATING: 221°F (105°C) 600 Volts

INSULATED MATERIAL: Nylon

TERMINAL MATERIAL: Electro Tin Plated Copper

Brazed Seam

FEATURES: Serrated Barrel, Expanded Insulation



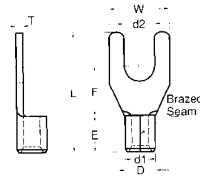
Measurement = inches

Cat No.	Color	Wire Size AWG	Stud Size	d2	W	F	L	E	D	d1	T	Bag Qty	Master Bag Qty	Per 100
11462	Red	22-16	#6	.146	.339	.311	.996	.433	.157	.067	.030	100	1000	
	Red	22-16	#8	.169										
	Red	22-16	#10	.209										
11464	Blue	16-14	#6	.146	.339	.311	.996	.433	.177	.091	.031	100	1000	
	Blue	16-14	#8	.169										
	Blue	16-14	#10	.209										
11466	Yellow	12-10	#6	.146	.390	.350	1.154	.512	.252	.134	.039	100	1000	
	Yellow	12-10	#8	.169										
	Yellow	12-10	#10	.209										



WIRE MANAGEMENT

Non-Insulated Spade Terminals



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10	8	6
Amp	9	12	17	18	30	35	50	70	95

TERMINAL MATERIAL: Electro Tin Plated Copper Brazed Seam

FEATURES: Serrated Barrel

MAXIMUM ELECTRIC RATING: 150°C 600V

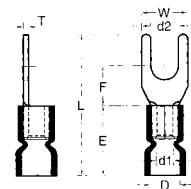


Measurement = inches

Cat No.	Wire Size	Stud Size	d2	W	F	L	E	D	d1	T	Bag Qty	Master Bag Qty	Per 100
11512	22-16	#4	.126	.323	.256	.630	.189	.134	.067	.030	100	1000	
11514	22-16	#6	.146	.252	.256	.630	.189	.134	.067	.030	100	1000	
11516	22-16	#8	.169	.319	.256	.630	.189	.134	.067	.030	100	1000	
11518	22-16	#10	.209	.319	.256	.630	.189	.134	.067	.030	100	1000	
11520	22-16	1/4	.252	.472	.433	.866	.189	.134	.067	.030	100	1000	
11522	16-14	#4	.126	.224	.256	.630	.189	.161	.091	.031	100	1000	
11524	16-14	#6	.146	.283	.256	.630	.189	.161	.091	.031	100	1000	
11526	16-14	#8	.169	.319	.256	.630	.189	.161	.091	.031	100	1000	
11528	16-14	#10	.209	.366	.256	.630	.189	.161	.091	.031	100	1000	
11530	16-14	1/4	.252	.472	.433	.866	.189	.161	.091	.031	100	1000	
11532	12-10	#6	.146	.327	.276	.728	.236	.220	.134	.039	100	1000	
11534	12-10	#8	.169	.354	.276	.728	.236	.220	.134	.039	100	1000	
11536	12-10	#10	.209	.354	.276	.728	.236	.220	.134	.039	100	1000	
11538	12-10	1/4	.252	.472	.472	.965	.236	.220	.134	.039	100	1000	
11540	12-10	5/16	.331	.551	.413	.925	.236	.220	.134	.039	100	1000	
11542	8	#10	.209	.413	.319	.819	.335	.283	.177	.047	100	1000	
11544	8	1/4	.252	.425	.339	.886	.335	.283	.177	.047	100	1000	
11546	6	1/4	.252	.433	.421	1.004	.413	.354	.228	.059	100	1000	
11548	6	5/16	.331	.543	.421	1.122	.413	.354	.228	.059	100	1000	

Vinyl Insulated Spade Terminals

25 Pack located on Page 44)



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	9	12	17	18	30	35	50

MAXIMUM ELECTRIC RATING: 105°C 600 Volts

INSULATED MATERIAL: Vinyl

TERMINAL MATERIAL: Electro Tin Plated Copper

FEATURES: Serrated Barrel, Expanded Insulation



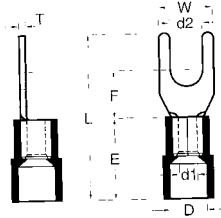
Measurement = inches

Cat No.	Color	Wire Size	Stud Size	d2	W	F	L	E	D	d1	T	Bag Qty	Master Box Qty	Per 100
10110	Red	22-16	#4	.126	.224	.256	.874	.441	.157	.067	.030	100	1000	
10112	Red	22-16	#6	.146	.252	.256	.874	.441	.157	.067	.030	100	1000	
10114	Red	22-16	#8	.169	.319	.256	.874	.441	.157	.067	.030	100	1000	
10116	Red	22-16	#10	.209	.319	.256	.874	.441	.157	.067	.030	100	1000	
10118	Red	22-16	1/4	.252	.472	.433	1.110	.441	.157	.067	.030	100	1000	
10120	Blue	16-14	#4	.126	.224	.256	.886	.453	.177	.091	.031	100	1000	
10132	Blue	16-14	#6	.146	.283	.256	.886	.453	.177	.091	.031	100	1000	
10134	Blue	16-14	#8	.169	.311	.256	.886	.453	.177	.091	.031	100	1000	
10136	Blue	16-14	#10	.209	.366	.256	.886	.453	.177	.091	.031	100	1000	
10138	Blue	16-14	1/4	.252	.472	.433	1.122	.453	.177	.091	.031	100	1000	
10140	Yellow	12-10	#6	.146	.327	.276	1.047	.555	.248	.134	.039	100	1000	
10162	Yellow	12-10	#8	.169	.354	.276	1.047	.555	.248	.134	.039	100	1000	
10164	Yellow	12-10	#10	.209	.354	.276	1.047	.555	.248	.134	.039	100	1000	
10166	Yellow	12-10	1/4	.252	.472	.472	1.283	.555	.248	.134	.039	100	1000	
10168	Yellow	12-10	5/16	.331	.551	.413	1.244	.555	.248	.134	.039	100	1000	



WIRE MANAGEMENT

Nylon Insulated Spade Terminals



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10	8	6
Amp	9	12	17	18	30	35	50	70	95

MAXIMUM ELECTRIC RATING: 221°F (105°C) 600 Volts

INSULATED MATERIAL: Nylon

TERMINAL MATERIAL: Electro Tin Plated Copper Brazed Seam

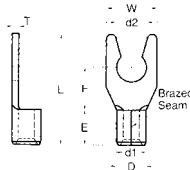
FEATURES: Serrated Barrel, Expanded Insulation



Measurement = inches

Cat No.	Color	Wire Size AWG	Stud Size	d2	W	F	L	E	D	d1	T	Bag Qty	Master Bag Qty	Per 100
11612	Red	22-16	#4	.126	.224	.256	.866	.433	.157	.067	.030	100	1000	
11614	Red	22-16	#6	.146	.252	.256	.866	.433	.157	.067	.030	100	1000	
11616	Red	22-16	#8	.169	.319	.256	.866	.433	.157	.067	.030	100	1000	
11618	Red	22-16	#10	.209	.319	.256	.866	.433	.157	.067	.030	100	1000	
11620	Red	22-16	1/4	.252	.472	.433	1.102	.433	.157	.067	.030	100	1000	
11622	Blue	16-14	#4	.126	.224	.256	.866	.433	.177	.091	.031	100	1000	
11624	Blue	16-14	#6	.146	.283	.256	.866	.433	.177	.091	.031	100	1000	
11626	Blue	16-14	#8	.169	.311	.256	.866	.433	.177	.091	.031	100	1000	
11628	Blue	16-14	#10	.209	.366	.256	.866	.433	.177	.091	.031	100	1000	
11630	Blue	16-14	1/4	.252	.472	.433	1.102	.433	.177	.091	.031	100	1000	
11632	Yellow	12-10	#6	.146	.327	.276	1.004	.512	.252	.134	.039	100	1000	
11634	Yellow	12-10	#8	.169	.327	.276	1.004	.512	.252	.134	.039	100	1000	
11636	Yellow	12-10	#10	.209	.354	.276	1.004	.512	.252	.134	.039	100	1000	
11638	Yellow	12-10	1/4	.252	.472	.472	1.240	.512	.252	.134	.039	100	1000	
11640	Yellow	12-10	5/16	.331	.551	.413	1.201	.512	.252	.134	.039	100	1000	
11642	Red	8	#10	.209	.413	.319	1.114	.630	.315	.177	.047	100	1000	
11644	Red	8	1/4	.252	.425	.339	1.181	.630	.315	.177	.047	100	1000	
11646	Blue	6	1/4	.252	.433	.421	1.437	.846	.433	.228	.059	100	1000	
11648	Blue	6	5/16	.331	.543	.421	1.555	.846	.433	.228	.059	100	1000	

Non-Insulated Locking Spade Terminals



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10	8	6
Amp	9	12	17	18	30	35	50	70	95

TERMINAL MATERIAL: Electro Tin Plated Copper Brazed Seam

FEATURES: Serrated Barrel

MAXIMUM ELECTRIC RATING: 150°C 600V



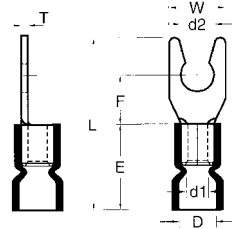
Measurement = inches

Cat No.	Wire Size AWG	Stud Size	d2	W	F	L	E	D	d1	T	Bag Qty	Master Bag Qty	Per 100
11662	22-16	#6	.146	.252	.256	.630	.189	.134	.067	.030	100	1000	
11664	22-16	#8	.169	.319	.256	.630	.189	.134	.067	.030	100	1000	
11666	22-16	#10	.209	.319	.256	.630	.189	.134	.067	.030	100	1000	
11668	16-14	#6	.146	.236	.256	.630	.189	.161	.091	.031	100	1000	
11670	16-14	#8	.169	.319	.256	.630	.189	.161	.091	.031	100	1000	
11672	16-14	#10	.209	.366	.256	.630	.189	.161	.091	.031	100	1000	
11674	12-10	#6	.146	.327	.276	.717	.236	.220	.134	.039	100	1000	
11676	12-10	#8	.169	.327	.276	.717	.236	.220	.134	.039	100	1000	
11678	12-10	#10	.209	.354	.276	.717	.236	.220	.134	.039	100	1000	
11680	12-10	1/4	.252	.472	.472	.965	.236	.220	.134	.039	100	1000	



WIRE MANAGEMENT

Vinyl Insulated Locking Spade Terminals



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	9	12	17	18	30	35	50

MAXIMUM ELECTRIC RATING: 221°F (105°C) 600 Volts

INSULATED MATERIAL: Vinyl

TERMINAL MATERIAL: Electro Tin Plated Copper

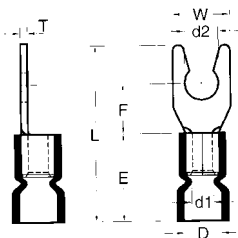
FEATURES: Serrated Barrel, Expanded Insulation



Measurement = inches

Cat No.	Color	Wire Size AWG	Stud Size	d2	W	F	L	E	D	d1	T	Bag Qty	Master Bag Qty	Per 100
11702	Red	22-16	#6	.146	.252	.256	.874	.874	.134	.067	.030	100	1000	
11704	Red	22-16	#8	.169	.319	.256	.874	.874	.134	.067	.030	100	1000	
11706	Red	22-16	#10	.209	.319	.256	.874	.874	.134	.067	.030	100	1000	
11708	Blue	16-14	#6	.146	.236	.256	.886	.453	.161	.091	.031	100	1000	
11710	Blue	16-14	#8	.169	.319	.256	.886	.453	.161	.091	.031	100	1000	
11712	Blue	16-14	#10	.209	.366	.256	.886	.453	.161	.091	.031	100	1000	
11714	Yellow	12-10	#6	.146	.327	.276	1.035	.555	.248	.134	.039	100	1000	
11716	Yellow	12-10	#8	.169	.327	.276	1.035	.555	.248	.134	.039	100	1000	
11718	Yellow	12-10	#10	.209	.354	.276	1.035	.555	.248	.134	.039	100	1000	
11720	Yellow	12-10	1/4	.252	.472	.472	1.283	.555	.248	.134	.039	100	1000	

Nylon Insulated Locking Spade Terminals



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	9	12	17	18	30	35	50

MAXIMUM ELECTRIC RATING: 221°F (105°C) 600 Volts

INSULATED MATERIAL: Nylon

TERMINAL MATERIAL: Electro Tin Plated Copper Brazed Seam

FEATURES: Serrated Barrel, Expanded Insulation

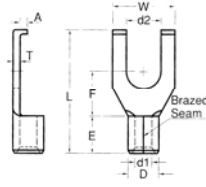


Measurement = inches

Cat No.	Color	Wire Size AWG	Stud Size	d2	W	F	L	E	D	d1	T	Bag Qty	Master Bag Qty	Per 100
11722	Red	22-16	#6	.146	.252	.256	.866	.433	.134	.067	.030	100	1000	
11724	Red	22-16	#8	.169	.319	.256	.866	.433	.134	.067	.030	100	1000	
11726	Red	22-16	#10	.209	.319	.256	.866	.433	.134	.067	.030	100	1000	
11728	Blue	16-14	#6	.146	.236	.256	.866	.433	.161	.091	.031	100	1000	
11730	Blue	16-14	#8	.169	.319	.256	.866	.433	.161	.091	.031	100	1000	
11732	Blue	16-14	#10	.209	.366	.256	.866	.433	.161	.091	.031	100	1000	
11734	Yellow	12-10	#6	.146	.327	.276	.992	.512	.252	.134	.039	100	1000	
11736	Yellow	12-10	#8	.169	.327	.276	.992	.512	.252	.134	.039	100	1000	
11738	Yellow	12-10	#10	.209	.354	.276	.992	.512	.252	.134	.039	100	1000	
11740	Yellow	12-10	1/4	.252	.472	.472	1.240	.512	.252	.134	.039	100	1000	

WIRE MANAGEMENT

Non-Insulated Flange Spade Terminals



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	9	12	17	18	30	35	50

TERMINAL MATERIAL: Electro Tin Plated Copper

FEATURES: Brazed Seam Serrated Barrel

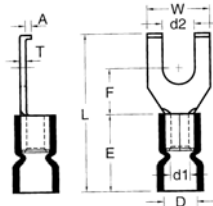
MAXIMUM ELECTRIC RATING: 150°C 600V



Measurement = inches

Cat No.	Wire Size AWG	Stud Size	d2	W	F	L	E	D	d1	A	T	Bag Qty	Master Bag Qty	Per 100
11742	22-16	#4	.126	.252	.201	.551	.189	.134	.067	.059	.030	100	1000	
11744	22-16	#6	.146	.252	.201	.551	.189	.134	.067	.059	.030	100	1000	
11746	22-16	#8	.169	.335	.283	.768	.189	.134	.067	.059	.030	100	1000	
11748	22-16	#10	.209	.295	.201	.551	.189	.134	.091	.059	.030	100	1000	
11750	16-14	#6	.146	.295	.205	.571	.189	.161	.091	.059	.031	100	1000	
11752	16-14	#8	.169	.315	.266	.728	.189	.161	.091	.059	.031	100	1000	
11754	16-14	#10	.209	.335	.283	.709	.189	.161	.134	.059	.031	100	1000	
11756	12-10	#6	.146	.299	.244	.728	.236	.220	.134	.059	.039	100	1000	
11758	12-10	#8	.169	.335	.295	.787	.236	.220	.134	.059	.039	100	1000	
11760	12-10	#10	.209	.299	.244	.728	.236	.220	.134	.059	.039	100	1000	

Vinyl Insulated Flange Spade Terminals



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	9	12	17	18	30	35	50

MAXIMUM ELECTRIC RATING: 221°F (105°C) 600 V

INSULATED MATERIAL: Vinyl

TERMINAL MATERIAL: Electro Tin Plated Copper

FEATURES: Serrated Barrel, Expanded Insulation



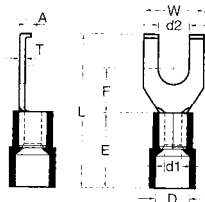
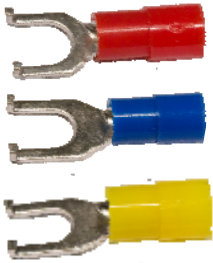
Measurement = inches

Cat No.	Color	Wire Size AWG	Stud Size	d2	W	F	L	E	D	d1	A	T	Bag Qty	Master Bag Qty	Per 100
11762	Red	22-16	#4	.126	.252	.201	.795	.441	.157	.067	.059	.030	100	1000	
11764	Red	22-16	#6	.146	.252	.201	.795	.441	.157	.067	.059	.030	100	1000	
11766	Red	22-16	#8	.169	.335	.283	1.012	.441	.157	.067	.059	.030	100	1000	
11768	Red	22-16	#10	.209	.295	.201	.795	.441	.157	.067	.059	.030	100	1000	
11770	Blue	16-14	#6	.146	.295	.205	.827	.453	.177	.091	.059	.031	100	1000	
11772	Blue	16-14	#8	.169	.315	.266	.728	.453	.177	.091	.059	.031	100	1000	
11774	Blue	16-14	#10	.209	.335	.283	.965	.453	.177	.091	.059	.031	100	1000	
11776	Yellow	12-10	#6	.146	.299	.244	1.047	.555	.248	.134	.059	.039	100	1000	
11778	Yellow	12-10	#8	.169	.335	.295	1.106	.555	.248	.134	.059	.039	100	1000	
11780	Yellow	12-10	#10	.209	.299	.244	1.047	.555	.248	.134	.059	.039	100	1000	



WIRE MANAGEMENT

Nylon Insulated Flange Spade Terminals



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	9	12	17	18	30	35	50

MAXIMUM ELECTRIC RATING: 221°F (105°C) 600 Volts

INSULATED MATERIAL: Nylon

TERMINAL MATERIAL: Electro Tin Plated Copper Brazed Seam

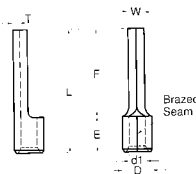
FEATURES: Serrated Barrel, Expanded Insulation



Measurement = inches

Cat No.	Color	Wire Size AWG	Stud Size	d2	W	F	L	E	D	d1	A	T	Bag Qty	Master Bag Qty	Per 100
11802	Red	22-16	#4	.126	.252	.201	.787	.443	.157	.067	.059	.030	100	1000	
11804	Red	22-16	#6	.146	.252	.201	.787	.443	.157	.067	.059	.030	100	1000	
11806	Red	22-16	#8	.169	.335	.283	1.004	.443	.157	.067	.059	.030	100	1000	
11808	Red	22-16	#10	.209	.295	.201	.787	.443	.157	.067	.059	.030	100	1000	
11810	Blue	16-14	#6	.146	.295	.205	.807	.443	.177	.091	.059	.031	100	1000	
11812	Blue	16-14	#8	.169	.315	.266	.965	.443	.177	.091	.059	.031	100	1000	
11814	Blue	16-14	#10	.209	.335	.283	.945	.443	.177	.091	.059	.031	100	1000	
11816	Yellow	12-10	#6	.146	.299	.244	1.004	.512	.252	.134	.059	.039	100	1000	
11818	Yellow	12-10	#8	.169	.335	.295	1.063	.512	.252	.134	.059	.039	100	1000	
11820	Yellow	12-10	#10	.209	.299	.244	1.004	.512	.252	.134	.059	.039	100	1000	

Non-Insulated Pin Terminals



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	9	12	17	18	30	35	50

TERMINAL MATERIAL: Electro Tin Plated Copper

FEATURES: Brazed Seam Serrated Barrel

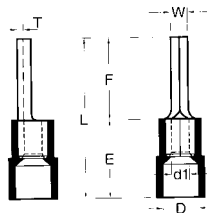
MAXIMUM ELECTRIC RATING: 150°C 600V



Measurement = inches

Cat No.	Wire Size AWG	W	F	L	E	D	d1	T	Bag Qty	Master Bag Qty	Per 100
11822	22-16	.075	.472	.661	.189	.134	.067	.030	100	1000	
11824	16-14	.075	.472	.661	.189	.161	.091	.031	100	1000	
11826	12-10	.110	.551	.787	.236	.220	.134	.039	100	1000	

Nylon Insulated Pin Terminals



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	9	12	17	18	30	35	50

MAXIMUM ELECTRIC RATING: 221°F (105°C) 600 Volts

INSULATED MATERIAL: Nylon

TERMINAL MATERIAL: Electro Tin Plated Copper Brazed Seam

FEATURES: Serrated Barrel, Expanded Insulation



Measurement = inches

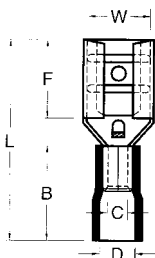
Cat No.	Color	Wire Size AWG	W	F	L	E	D	d1	T	Bag Qty	Master Bag Qty	Per 100
11832	Red	22-16	.075	.472	.898	.433	.157	.067	.030	100	1000	
11834	Blue	16-14	.075	.472	.898	.433	.177	.091	.031	100	1000	
11836	Yellow	12-10	.110	.551	1.063	.512	.252	.134	.039	100	1000	



WIRE MANAGEMENT

Vinyl Insulated Female Disconnects

(25 Pack located on Page 45)



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

MAXIMUM ELECTRIC RATING: 167°F (75°C) 300 Volts

INSULATED MATERIAL: Vinyl

TERMINAL MATERIAL: Electro Tin Plated Brass

FEATURES: Serrated Barrel, Expanded Insulation

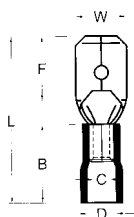


Measurement = inches

Cat No.	Color	Wire Size AWG	NEMA TAB	W	F	L	B	C	D	T	Bag Qty	Master Bag Qty	Per 100
10308	Red	22-16	.020X.110	.126	.256	.732	.394	.067	.157	.012	100	1000	
10310	Red	22-16	.032X.110	.126	.256	.732	.394	.067	.157	.012	100	1000	
10312	Red	22-16	.020X.187	.197	.252	.748	.394	.067	.157	.014	100	1000	
10311	Red	22-16	.032X.187	.197	.252	.748	.394	.067	.157	.014	100	1000	
10313	Red	22-16	.020X.205	.224	.260	.728	.394	.067	.157	.014	100	1000	
10314	Red	22-16	.032X.250	.260	.287	.807	.394	.067	.157	.016	100	1000	
10316	Blue	16-14	.020X.110	.126	.256	.732	.394	.091	.177	.012	100	1000	
10318	Blue	16-14	.032X.110	.126	.256	.732	.394	.091	.177	.012	100	1000	
10322	Blue	16-14	.020X.187	.197	.252	.748	.394	.091	.177	.014	100	1000	
10323	Blue	16-14	.032X.187	.197	.252	.748	.394	.091	.177	.014	100	1000	
10325	Blue	16-14	.020X.205	.224	.260	.728	.394	.091	.177	.014	100	1000	
10324	Blue	16-14	.032X.250	.260	.287	.807	.394	.091	.177	.016	100	1000	
10328	Yellow	12-10	.020X.110	.126	.256	.866	.512	.134	.217	.014	100	1000	
10329	Yellow	12-10	.032X.110	.126	.256	.866	.512	.134	.217	.014	100	1000	
10330	Yellow	12-10	.020X.187	.197	.256	.866	.512	.134	.217	.014	100	1000	
10331	Yellow	12-10	.032X.187	.197	.256	.866	.512	.134	.217	.014	100	1000	
10332	Yellow	12-10	.032X.250	.260	.287	.925	.512	.134	.217	.016	100	1000	

Vinyl Insulated Male Disconnects

(25 Pack located on Page 45)



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

MAXIMUM ELECTRIC RATING: 167°F (75°C) 300 Volts

INSULATED MATERIAL: Vinyl

TERMINAL MATERIAL: Electro Tin Plated Brass

FEATURES: Serrated Barrel, Expanded Insulation



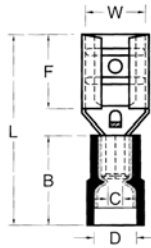
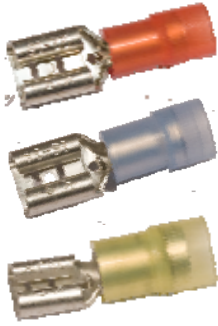
Measurement = inches

Cat No.	Color	Wire Size AWG	NEMA TAB	W	F	L	B	C	D	T	Bag Qty	Master Bag Qty	Per 100
10208	Red	22-16	.020X.110	.110	.256	.728	.394	.067	.157	.020	100	1000	
10210	Red	22-16	.032X.110	.110	.256	.728	.394	.067	.157	.016	100	1000	
10212	Red	22-16	.020X.187	.189	.256	.748	.394	.067	.157	.020	100	1000	
10213	Red	22-16	.032X.187	.189	.264	.748	.394	.067	.157	.016	100	1000	
10214	Red	22-16	.032X.250	.250	.303	.827	.394	.067	.157	.016	100	1000	
10222	Blue	16-14	.020X.187	.189	.256	.748	.394	.091	.177	.020	100	1000	
10223	Blue	16-14	.032X.187	.189	.264	.748	.394	.091	.177	.016	100	1000	
10224	Blue	16-14	.032X.250	.250	.303	.827	.394	.091	.177	.016	100	1000	
10232	Yellow	12-10	.032X.250	.250	.303	.945	.512	.134	.217	.016	100	1000	



WIRE MANAGEMENT

Nylon Insulated Double Crimp Female Disconnects



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

MAXIMUM ELECTRIC RATING: 221°F (105°C) 600 Volts

INSULATED MATERIAL: Nylon

TERMINAL MATERIAL: Electro Tin Plated Brass Brazed Seam

DOUBLE CRIMP: Extended Copper Sleeve for Multiple Crimps

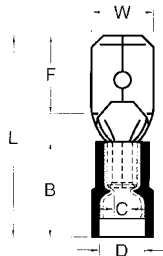
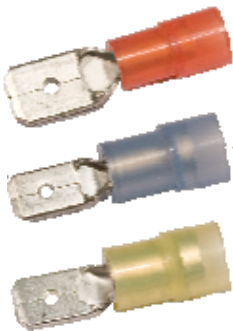
FEATURES: Serrated Barrel, Expanded Insulation



Measurement = inches

Cat No.	Color	Wire Size AWG	NEMA TAB	W	F	L	B	C	D	T	Bag Qty	Master Bag Qty	Per 100
11902	Red	22-16	.020X.110	.126	.256	.772	.433	.067	.157	.012	100	1000	
11904	Red	22-16	.032X.110	.126	.256	.772	.433	.067	.157	.012	100	1000	
11906	Red	22-16	.020X.187	.197	.252	.787	.433	.067	.157	.014	100	1000	
11908	Red	22-16	.032X.187	.197	.252	.787	.433	.067	.157	.014	100	1000	
11910	Red	22-16	.020X.205	.224	.260	.768	.433	.067	.157	.014	100	1000	
11912	Red	22-16	.032X.250	.260	.287	.846	.433	.067	.157	.016	100	1000	
11914	Blue	16-14	.020X.110	.126	.256	.772	.433	.091	.197	.012	100	1000	
11916	Blue	16-14	.032X.110	.126	.256	.772	.433	.091	.197	.012	100	1000	
11918	Blue	16-14	.020X.187	.197	.252	.787	.433	.091	.197	.014	100	1000	
11920	Blue	16-14	.032X.187	.197	.252	.787	.433	.091	.197	.014	100	1000	
11922	Blue	16-14	.020X.205	.224	.228	.768	.433	.091	.197	.014	100	1000	
11924	Blue	16-14	.032X.250	.260	.295	.846	.433	.091	.197	.016	100	1000	
11926	Yellow	12-10	.020X.110	.126	.256	.866	.512	.134	.256	.014	100	1000	
11928	Yellow	12-10	.032X.110	.126	.256	.866	.512	.134	.256	.014	100	1000	
11930	Yellow	12-10	.020X.187	.197	.256	.866	.512	.134	.256	.014	100	1000	
11932	Yellow	12-10	.032X.187	.197	.256	.866	.512	.134	.256	.014	100	1000	
11934	Yellow	12-10	.032X.250	.260	.295	.925	.512	.134	.256	.016	100	1000	

Nylon Insulated Double Crimp Male Disconnects



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

MAXIMUM ELECTRIC RATING: 221°F (105°C) 600 Volts

INSULATED MATERIAL: Nylon

TERMINAL MATERIAL: Electro Tin Plated Brass Brazed Seam

DOUBLE CRIMP: Extended Copper Sleeve for Multiple Crimps

FEATURES: Serrated Barrel, Expanded Insulation



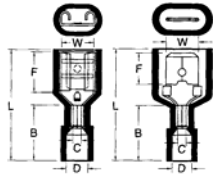
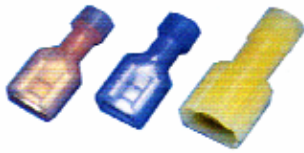
Measurement = inches

Cat No.	Color	Wire Size AWG	NEMA TAB	W	F	L	B	C	D	T	Bag Qty	Master Bag Qty	Per 100
11942	Red	22-16	.020X.110	.110	.256	.768	.433	.067	.157	.020	100	1000	
11944	Red	22-16	.032X.110	.110	.256	.768	.433	.067	.157	.016	100	1000	
11946	Red	22-16	.020X.187	.189	.256	.768	.433	.067	.157	.020	100	1000	
11948	Red	22-16	.032X.187	.189	.264	.768	.433	.067	.157	.016	100	1000	
11950	Red	22-16	.032X.250	.250	.303	.866	.433	.067	.157	.016	100	1000	
11952	Blue	16-14	.020X.187	.189	.256	.787	.433	.091	.197	.020	100	1000	
11954	Blue	16-14	.032X.187	.189	.264	.787	.433	.091	.197	.020	100	1000	
11956	Blue	16-14	.032X.250	.250	.303	.874	.433	.091	.197	.016	100	1000	
11958	Yellow	12-10	.032X.250	.250	.303	.945	.512	.134	.256	.016	100	1000	



WIRE MANAGEMENT

Nylon Fully Insulated Disconnects - Male & Female (25 Pack Pg 45)



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

MAXIMUM ELECTRIC RATING: 221°F (105°C) 300 Volts

INSULATED MATERIAL: Nylon

TERMINAL MATERIAL: Electro Tin Plated Brass Brazed Seam

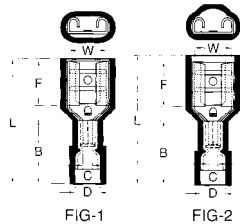
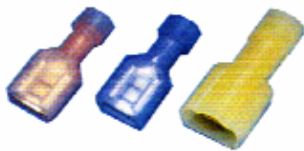
FEATURES: Serrated Barrel, Expanded Insulation



Measurement = inches

Cat No.	Type	Color	Wire Size	Tab Size	W	F	L	B	C	D	T	Bag Qty	Master bag Qty	Per 100
10411	Female	Red	22-18	.250 X .032	.260	.295	.866	.433	.067	.157	.032	100	1000	
10412	Female	Blue	16-14	.250 X .032	.260	.295	.866	.433	.091	.177	.032	100	1000	
10414	Female	Yellow	12-10	.250 X .032	.260	.295	.945	.512	.134	.248	.032	100	1000	
10415	Male	Red	22-18	.250 X .032	.250	.303	.906	.433	.067	.157	.032	100	1000	
10416	Male	Blue	16-14	.250 X .032	.250	.303	.945	.433	.091	.177	.032	100	1000	
10418	Male	Yellow	12-10	.250 X .032	.250	.303	.984	.512	.134	.248	.032	100	1000	

Nylon Fully Insulated Double Crimp Female Disconnects



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

MAXIMUM ELECTRIC RATING: 221°F (105°C) 600 Volts

INSULATED MATERIAL: Nylon

TERMINAL MATERIAL: Electro Tin Plated Brass Brazed Seam

DOUBLE CRIMP: Extended Copper Sleeve for Multiple Crimps

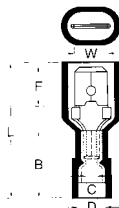
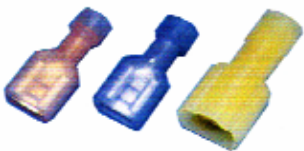
FEATURES: Serrated Barrel, Expanded Insulation



Measurement = inches

Cat No.	Color	Wire Size AWG	NEMA TAB	W	F	L	B	C	D	T	FIG	Bag Qty	Master Bag Qty	Per 100
11962	Red	22-16	.020X.110	.126	.256	.768	.433	.067	.157	.012	1	100	1000	
11964	Red	22-16	.032X.110	.126	.256	.768	.433	.067	.157	.012	1	100	1000	
11966	Red	22-16	.020X.187	.197	.252	.795	.433	.067	.157	.014	2	100	1000	
11968	Red	22-16	.032X.187	.197	.252	.795	.433	.067	.157	.014	2	100	1000	
11970	Red	22-16	.032X.250	.260	.295	.846	.433	.067	.157	.016	1	100	1000	
11972	Blue	16-14	.020X.187	.197	.252	.795	.433	.091	.197	.014	2	100	1000	
11974	Blue	16-14	.032X.187	.197	.252	.795	.433	.091	.197	.014	2	100	1000	
11976	Blue	16-14	.032X.250	.260	.295	.846	.433	.091	.197	.016	1	100	1000	
11978	Yellow	12-10	.032X.250	.260	.295	.953	.512	.134	.256	.016	2	100	1000	

Nylon Fully Insulated Double Crimp Male Disconnects



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

MAXIMUM ELECTRIC RATING: 221°F (105°C) 600 Volts

INSULATED MATERIAL: Nylon

TERMINAL MATERIAL: Electro Tin Plated Brass Brazed Seam

DOUBLE CRIMP: Extended Copper Sleeve for Multiple Crimps

FEATURES: Serrated Barrel, Expanded Insulation



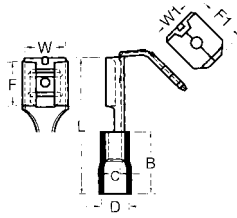
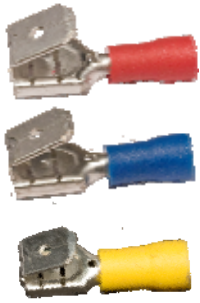
Measurement = inches

Cat No.	Color	Wire Size AWG	NEMA TAB	W	F	L	B	C	D	T	Bag Qty	Master Bag Qty	Per 100
11982	Red	22-16	.032X.250	.250	.303	.945	.433	.067	.157	.016	100	1000	
11984	Blue	16-14	.032X.250	.250	.303	.945	.433	.091	.197	.016	100	1000	
11986	Yellow	12-10	.032X.250	.250	.303	1.024	.512	.134	.256	.016	100	1000	



WIRE MANAGEMENT

Vinyl Insulated Piggy Back Disconnects



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

MAXIMUM ELECTRIC RATING: 167°F (75°C) 300 Volts

INSULATED MATERIAL: Vinyl

TERMINAL MATERIAL: Electro Tin Plated Brass

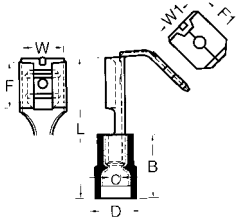
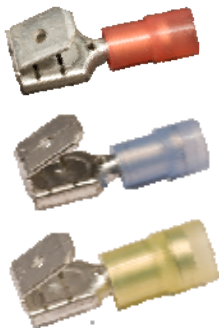
FEATURES: Serrated Barrel, Expanded Insulation



Measurement = inches

Cat No.	Color	Wire Size AWG	NEMA TAB	W	W1	F	F1	L	B	C	D	T	Bag Qty	Master Bag Qty	Per 100
12012	Red	22-16	.032X.250	.260	.250	.315	.323	.866	.394	.067	.157	.016	100	1000	
12014	Blue	16-14	.032X.250	.260	.250	.315	.323	.866	.394	.091	.177	.016	100	1000	
12016	Yellow	12-10	.032x.250	.260	.250	.315	.323	.945	.512	.134	.217	.016	100	1000	

Nylon Insulated Double Crimp Piggy Back Disconnects



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

MAXIMUM ELECTRIC RATING: 221°F (105°C) 600 Volts

INSULATED MATERIAL: Nylon

TERMINAL MATERIAL: Electro Tin Plated Brass Brazed Seam

DOUBLE CRIMP: Extended Copper Sleeve for Multiple Crimps

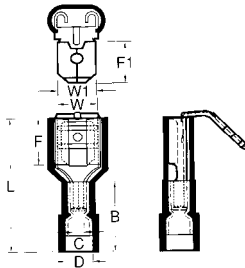
FEATURES: Serrated Barrel, Expanded Insulation



Measurement = inches

Cat No.	Color	Wire Size AWG	NEMA TAB	W	W1	F	F1	L	B	C	D	T	Bag Qty	Master Bag Qty	Per 100
12022	Red	22-16	.032X.250	.260	.250	.315	.323	.906	.433	.067	.157	.016	100	1000	
12024	Blue	16-14	.032X.250	.260	.250	.315	.323	.906	.433	.091	.197	.016	100	1000	
12026	Yellow	12-10	.032X.250	.260	.250	.315	.323	.945	.512	.134	.256	.016	100	1000	

Nylon Fully Insulated Double Crimp Piggy Back Disconnects



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

MAXIMUM ELECTRIC RATING: 221°F (105°C) 600 Volts

INSULATED MATERIAL: Nylon

TERMINAL MATERIAL: Electro Tin Plated Brass Brazed Seam

DOUBLE CRIMP: Extended Copper Sleeve for Multiple Crimps

FEATURES: Serrated Barrel, Expanded Insulation

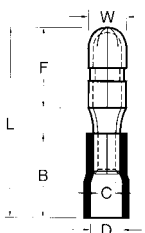
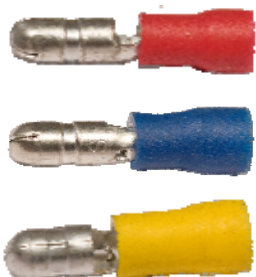


Measurement = inches

Cat No.	Color	Wire Size AWG	NEMA TAB	W	W1	F	F1	L	B	C	D	T	Bag Qty	Master Bag Qty	Per 100
12032	Red	22-16	.032X.250	.260	.250	.315	.323	.846	.433	.067	.157	.016	100	1000	
12034	Blue	16-14	.032X.250	.260	.250	.315	.323	.846	.433	.091	.197	.016	100	1000	

WIRE MANAGEMENT

Vinyl Insulated Bullet Disconnects



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

MAXIMUM ELECTRIC RATING: 167°F (75°C) 600 Volts

INSULATED MATERIAL: Vinyl

TERMINAL MATERIAL: Electro Tin Plated Brass

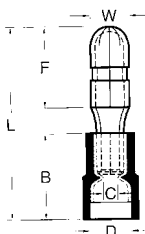
FEATURES: Serrated Barrel, Expanded Insulation



Measurement = inches

Cat No.	Color	Wire Size AWG	W	F	L	B	C	D	T	Bag Qty	Master Bag Qty	Per 100
12042	Red	22-16	.157	.335	.827	.394	.067	.157	.016	100	1000	
12044	Blue	16-14	.157	.335	.827	.394	.091	.177	.016	100	1000	
12046	Blue	16-14	.197	.335	.827	.394	.091	.177	.016	100	1000	
12048	Yellow	12-10	.197	.335	.925	.512	.134	.217	.016	100	1000	

Nylon Insulated Double Crimp Bullet Disconnects



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

MAXIMUM ELECTRIC RATING: 221°F (105°C) 600 Volts

INSULATED MATERIAL: Nylon

TERMINAL MATERIAL: Electro Tin Plated Brass Brazed Seam

DOUBLE CRIMP: Extended Copper Sleeve for Multiple Crimps

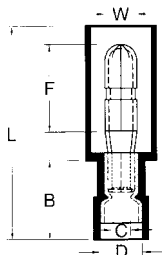
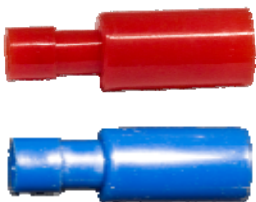
FEATURES: Serrated Barrel, Expanded Insulation



Measurement = inches

Cat No.	Color	Wire Size AWG	W	F	L	B	C	D	T	Bag Qty	Master Bag Qty	Per 100
12052	Red	22-16	.157	.335	.866	.433	.067	.157	.016	100	1000	
12054	Blue	16-14	.157	.335	.866	.433	.091	.197	.016	100	1000	
12056	Blue	16-14	.197	.335	.866	.433	.091	.197	.016	100	1000	
12058	Yellow	12-10	.197	.335	.925	.512	.134	.256	.016	100	1000	

Nylon Fully Insulated Double Crimp Bullet Disconnects



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

MAXIMUM ELECTRIC RATING: 221°F (105°C) 600 Volts

INSULATED MATERIAL: Nylon

TERMINAL MATERIAL: Electro Tin Plated Brass Brazed Seam

DOUBLE CRIMP: Extended Copper Sleeve for Multiple Crimps

FEATURES: Serrated Barrel, Expanded Insulation



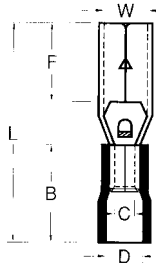
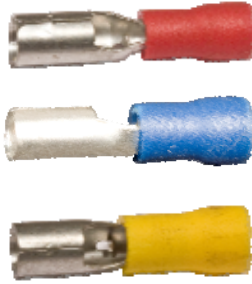
Measurement = inches

Cat No.	Color	Wire Size AWG	W	F	L	B	C	D	T	Bag Qty	Master Bag Qty	Per 100
12062	Red	22-16	.157	.412	1.063	.394	.067	.157	.016	100	1000	
12064	Blue	16-14	.157	.413	1.063	.394	.091	.177	.016	100	1000	



WIRE MANAGEMENT

Vinyl Insulated Receptacle Disconnects



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

MAXIMUM ELECTRIC RATING: 167°F (75°C) 600 Volts

INSULATED MATERIAL: Vinyl

TERMINAL MATERIAL: Electro Tin Plated Brass

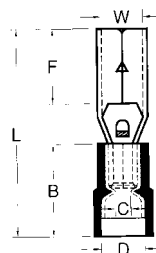
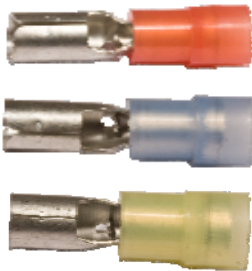
FEATURES: Serrated Barrel, Expanded Insulation



Measurement = inches

Cat No.	Color	Wire Size AWG	W	F	L	B	C	D	T	Bag Qty	Master Bag Qty	Per 100
12072	Red	22-16	.154	.276	.846	.394	.067	.157	.016	100	1000	
12074	Blue	16-14	.154	.276	.846	.394	.091	.177	.016	100	1000	
12076	Blue	16-14	.193	.276	.846	.394	.091	.177	.016	100	1000	
12078	Yellow	12-10	.193	.276	.965	.512	.134	.217	.018	100	1000	

Nylon Insulated Double Crimp Receptacle Disconnects



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

MAXIMUM ELECTRIC RATING: 221°F (105°C) 600 Volts

INSULATED MATERIAL: Nylon

TERMINAL MATERIAL: Electro Tin Plated Brass Brazed Seam

DOUBLE CRIMP: Extended Copper Sleeve for Multiple Crimps

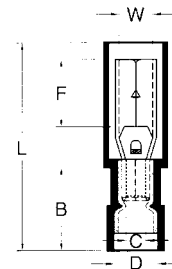
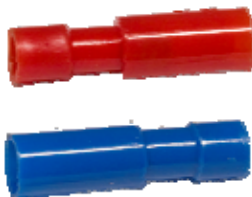
FEATURES: Serrated Barrel, Expanded Insulation



Measurement = inches

Cat No.	Color	Wire Size AWG	W	F	L	B	C	D	T	Bag Qty	Master Bag Qty	Per 100
12082	Red	22-16	.154	.276	.886	.433	.067	.157	.016	100	1000	
12084	Blue	16-14	.154	.276	.886	.433	.091	.197	.016	100	1000	
12086	Blue	16-14	.193	.276	.886	.433	.091	.197	.016	100	1000	
12088	Yellow	12-10	.193	.276	.965	.512	.134	.256	.018	100	1000	

Nylon Fully Insulated Double Crimp Receptacle Disconnects



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

MAXIMUM ELECTRIC RATING: 221°F (105°C) 600 Volts

INSULATED MATERIAL: Nylon

TERMINAL MATERIAL: Electro Tin Plated Brass Brazed Seam

DOUBLE CRIMP: Extended Copper Sleeve for Multiple Crimps

FEATURES: Serrated Barrel, Expanded Insulation



Measurement = inches

Cat No.	Color	Wire Size AWG	W	F	L	B	C	D	T	Bag Qty	Master Bag Qty	Per 100
12092	Red	22-16	.154	.276	.992	.433	.067	.157	.016	100	1000	
12094	Blue	16-14	.154	.276	.992	.433	.091	.197	.016	100	1000	
12096	Blue	16-14	.193	.276	1.063	.433	.091	.197	.016	100	1000	



WIRE MANAGEMENT

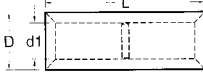
Non-Insulated Butt Splice Connectors



MAXIMUM ELECTRIC CURRENT:

Awg	26	24	22	20	18	16	14	12	10	8	6	4
Amp	5.5	7	9	12	17	18	30	35	50	70	95	125

CONNECTOR MATERIAL: Electro Tin Plated Tubular Copper
MAXIMUM ELECTRIC RATING: 150°C 600V

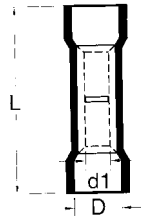
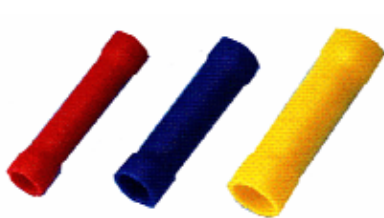


Measurement = inches

Cat No.	Wire Size AWG	L	D	d1	T	Bag Qty	Master Bag Qty	Per 100
12102	26-22	.472	.083	.051	.016	100	1000	
12104	22-16	.591	.130	.067	.031	100	1000	
12106	16-14	.591	.154	.091	.031	100	1000	
12108	12-10	.591	.213	.134	.039	100	1000	
12110	8	.827	.276	.181	.047	100	1000	
12112	6	1.024	.350	.232	.059	100	1000	
12114	4	1.142	.445	.307	.069	100	1000	

Vinyl Insulated Butt Splice Connectors

25 Pack located on Page 45)



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10	8	6	4	2
Amp	9	12	17	18	30	35	50	70	95	125	170

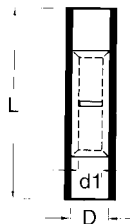
MAXIMUM ELECTRIC RATING: 167°F (75°C) 600 Volts
CONNECTOR MATERIAL: Tin Plated Tubular Copper/Copper Plate
INSULATED MATERIAL: Vinyl
FEATURES: Expanded Insulation



Measurement = inches

Cat No.	Color	Wire Size AWG	L	D	d1	Material	Bag Qty	Master Bag Qty	Per 100
10182	Red	22-16	.969	.157	.067	Copper Plate	100	1000	
10184	Blue	16-14	.969	.177	.091	Copper Plate	100	1000	
10186	Yellow	12-10	1.043	.248	.134	Copper Plate	100	1000	
12128	Red	8	1.398	.335	.177	Tubular Copper	100	1000	
12130	Blue	6	1.772	.413	.232	Tubular Copper	100	1000	
12132	Yellow	4	2.067	.488	.307	Tubular Copper	100	1000	
12134	Red	2	2.165	.610	.374	Tubular Copper	100	1000	

Nylon Insulated Butt Splice Connectors



MAXIMUM ELECTRIC CURRENT:

Awg	26	24	22	20	18	16	14	12	10
Amp	5.5	7	9	12	17	18	30	35	50

MAXIMUM ELECTRIC RATING: 221°F (105°C) 600 Volts
CONNECTOR MATERIAL: Tin Plated Tubular Copper/Copper Plate
INSULATED MATERIAL: Nylon
FEATURES: Expanded Insulation



Measurement = inches

Cat No.	Color	Wire Size AWG	L	D	d1	Material	Bag Qty	Master Bag Qty	Per 100
12142	Yellow	26-22	.787	.079	.051	Tubular Copper	100	1000	
12144	Red	22-16	1.075	.126	.067	Copper Plate	100	1000	
12146	Blue	16-14	1.075	.150	.091	Copper Plate	100	1000	
12148	Yellow	12-10	1.075	.209	.134	Copper Plate	100	1000	



WIRE MANAGEMENT

Non-Insulated Parallel Connectors

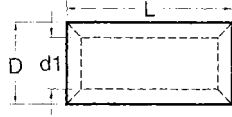


MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	9	12	17	18	30	35	50

CONNECTOR MATERIAL: Electro Tin Plated Tubular Copper

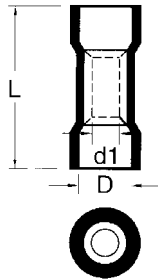
MAXIMUM ELECTRIC RATING: 150°C 600V



Measurement = inches

Cat No.	Wire Size AWG	L	D	d1	T	Bag Qty	Master Bag Qty	Per 100
12152	22-16	.315	.130	.067	.031	100	1000	
12154	16-14	.315	.154	.091	.031	100	1000	
12156	12-10	.335	.213	.134	.039	100	1000	

Vinyl Insulated Parallel Connectors



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	9	12	17	18	30	35	50

MAXIMUM ELECTRIC RATING: 167°F (75°C) 600 Volts

CONNECTOR MATERIAL: Electro Tin Plated Tubular Copper

INSULATED MATERIAL: Vinyl

FEATURES: Expanded Insulation



Measurement = inches

Cat No.	Color	Wire Size AWG	L	D	d1	Bag Qty	Master Bag Qty	Per 100
12162	Red	22-16	.650	.157	.067	100	1000	
12164	Blue	16-14	.650	.177	.091	100	1000	
12166	Yellow	12-10	.795	.248	.134	100	1000	

Vinyl Insulated 3-Way & 4-Way Connectors



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	9	12	17	18	30	35	50

MAXIMUM ELECTRIC RATING: 167°F (75°C) 600 Volts

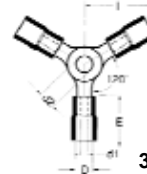
INSULATION MATERIAL: Vinyl

CONNECTOR MATERIAL: Electro Tin Plated Copper

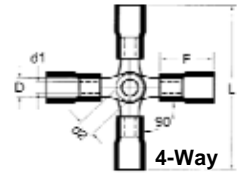
INSULATED MATERIAL: Vinyl

FEATURES: Expanded Insulation

Measurement = inches



3-Way

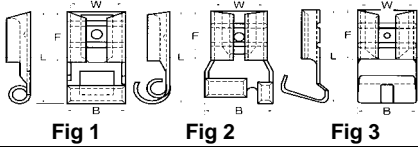
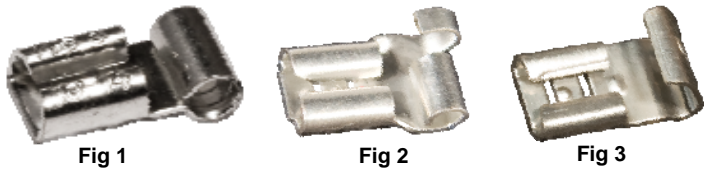


4-Way

Cat No.	Color	Wire Size AWG	Stud size	d2	L	D	E	d1	Bag Qty	Master Bag Qty	Per 100
12172	Red 3-Way	22-16	#8	.157	.669	.157	.394	.067	100	1000	
12174	Blue 3-Way	16-14	#8	.157	.709	.177	.394	.091	100	1000	
12176	Yellow 3-Way	12-10	#8	.157	.866	.248	.512	.134	100	1000	
12178	Red 4-Way	22-16	#8	.157	1.339	.157	.394	.067	100	1000	
12180	Blue 4-Way	16-14	#8	.157	1.398	.177	.394	.091	100	1000	
12182	Yellow 4-Way	12-10	#8	.157	1.713	.248	.512	.134	100	1000	

WIRE MANAGEMENT

Non-Insulated Flag Female Disconnects



MAXIMUM ELECTRIC CURRENT:

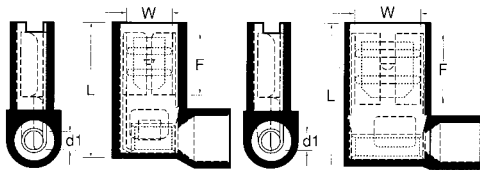
Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

TERMINAL MATERIAL: Electro Tin Plated Brass
MAXIMUM ELECTRIC RATING: 150°C 600V

Measurement = inches

Cat No.	Wire Size AWG	NEMA TAB	W	F	L	B	T	Fig	Bag Qty	Master Bag Qty	Per 100
12412	22-18	.020X.187	.197	.244	.445	.217	.016	1	100	1000	
12414	22-18	.032X.187	.197	.244	.445	.217	.016	1	100	1000	
12416	22-18	.032X.250	.260	.299	.551	.291	.016	1	100	1000	
12418	22-18	.032X.250	.260	.307	.591	.366	.018	2	100	1000	
12420	16-14	.020X.187	.197	.244	.457	.217	.016	1	100	1000	
12422	16-14	.032X.187	.197	.244	.457	.217	.016	1	100	1000	
12424	16-14	.032X.250	.260	.299	.551	.291	.016	1	100	1000	
12426	16-14	.032X.250	.260	.307	.591	.366	.018	2	100	1000	
12428	12-10	.032X.250	.260	.299	.571	.295	.018	3	100	1000	

Nylon Insulated Flag Female Disconnects



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14
Amp	3	4	7	10	15

MAXIMUM ELECTRIC RATING: 221°F (105°C) 300 Volts
INSULATED MATERIAL: Nylon

TERMINAL MATERIAL: Electro Tin Plated Brass
FEATURES: Serrated Barrel, Expanded Insulation



Measurement = inches

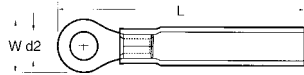
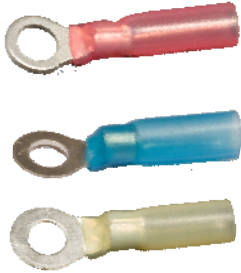
Cat No.	Color	Wire Size AWG	NEMA TAB	W	F	L	d1	T	Fig.	Bag Qty	Master Bag Qty	Per 100
12432	Red	22-18	.020X.187	.197	.276	.591	.063	.016	1	100	1000	
12434	Red	22-18	.032X.187	.197	.276	.591	.063	.016	1	100	1000	
12436	Red	22-18	.032X.250	.260	.299	.598	.063	.016	2	100	1000	
12438	Blue	16-14	.020X.187	.197	.276	.598	.083	.016	1	100	1000	
12440	Blue	16-14	.032X.187	.197	.276	.598	.083	.016	1	100	1000	
12442	Blue	16-14	.032X.250	.260	.299	.598	.083	.016	2	100	1000	



WIRE MANAGEMENT

Heat Shrinkable Terminals provide an environmentally sealed wire termination. They insulate, seal & protect joints from physical abuse, abrasion, water, salt & other corrosive element.

Heat Shrinkable - Ring Terminals



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	9	12	17	18	30	35	50

MAXIMUM ELECTRIC RATING: 600 Volts

SHRINK TEMP: 302°F (150°C)

RESISTANT TEMP: 14°F ~ 221°F (-26°C ~ 105°C)

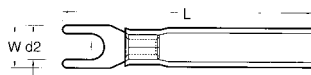
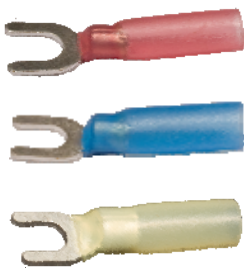
INSULATION MATERIAL: High Density PE

TERMINAL MATERIAL: Electro Tin Plated Copper Brazed Seam

FEATURES: Serrated Barrel Measurement = inches

Cat No.	Color	Wire Size AWG	d2	W	L	Bag Qty	Master Bag Qty	Per 100
12212	Red	22-16	#6	.217	.984	100	1000	
12214	Red	22-16	#8	.315	1.122	100	1000	
12216	Red	22-16	#10	.315	1.122	100	1000	
12218	Red	22-16	1/4	.457	1.358	100	1000	
12220	Red	22-16	5/16	.457	1.358	100	1000	
12222	Red	22-16	3/8	.535	1.476	100	1000	
12224	Blue	16-14	#6	.260	1.043	100	1000	
12226	Blue	16-14	#8	.335	1.201	100	1000	
12228	Blue	16-14	#10	.374	1.201	100	1000	
12230	Blue	16-14	1/4	.472	1.398	100	1000	
12232	Blue	16-14	5/16	.472	1.398	100	1000	
12234	Blue	16-14	3/8	.535	1.476	100	1000	
12236	Yellow	12-10	#8	.374	1.346	100	1000	
12238	Yellow	12-10	#10	.374	1.339	100	1000	
12240	Yellow	12-10	1/4	.472	1.476	100	1000	
12242	Yellow	12-10	5/16	.591	1.654	100	1000	
12244	Yellow	12-10	3/8	.591	1.654	100	1000	
12246	Yellow	12-10	1/2	.756	1.831	100	1000	

Heat Shrinkable - Spade Terminals



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	9	12	17	18	30	35	50

MAXIMUM ELECTRIC RATING: 600 Volts

SHRINK TEMP: 302°F (150°C)

RESISTANT TEMP: 14°F ~ 221°F (-26°C ~ 105°C)

INSULATION MATERIAL: High Density PE

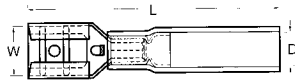
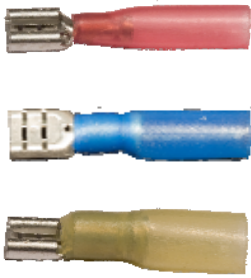
TERMINAL MATERIAL: Electro Tin Plated Copper Brazed Seam

FEATURES: Serrated Barrel Measurement = inches

Cat No.	Color	Wire Size AWG	d2	W	L	Bag Qty	Master Bag Qty	Per 100
12252	Red	22-16	#6	.252	1.154	100	1000	
12254	Red	22-16	#8	.283	1.165	100	1000	
12256	Red	22-16	#10	.374	1.181	100	1000	
12258	Blue	16-14	#6	.236	1.122	100	1000	
12260	Blue	16-14	#8	.283	1.161	100	1000	
12262	Blue	16-14	#10	.366	1.201	100	1000	
12264	Yellow	12-10	#8	.354	1.319	100	1000	
12266	Yellow	12-10	#10	.354	1.319	100	1000	
12268	Yellow	12-10	1/4	.472	1.614	100	1000	

WIRE MANAGEMENT

Heat Shrinkable - Female Disconnectors



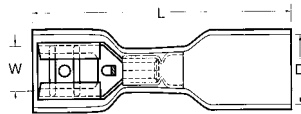
MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

MAXIMUM ELECTRIC RATING: 300 Volts
SHRINK TEMP: 302°F (150°C)
RESISTANT TEMP: 14°F ~ 221°F (-26°C ~ 105°C)
INSULATION MATERIAL: High Density PE
DOUBLE CRIMP: Extended Copper Sleeve
TERMINAL MATERIAL: Tin Plated Brass
FEATURES: Serrated Barrel Measurement = inches

Cat No.	Color	Wire Size AWG	NEMA TAB	W	D	L	Bag Qty	Master Bag Qty	Per 100
12272	Red	22-16	.032X.250	.260	.217	1.339	100	1000	
12274	Blue	16-14	.032X.250	.260	.236	1.339	100	1000	
12276	Yellow	12-10	.032X.250	.260	.319	1.378	100	1000	

Heat Shrinkable - Fully Insulated Female Disconnectors



MAXIMUM ELECTRIC CURRENT:

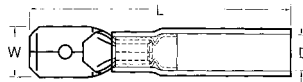
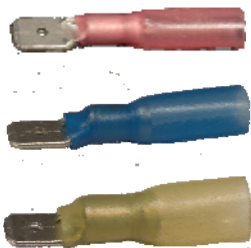
Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

MAXIMUM ELECTRIC RATING: 300 Volts
SHRINK TEMP: 302°F (150°C)
RESISTANT TEMP: 14°F ~ 221°F (-26°C ~ 105°C)
INSULATION MATERIAL: High Density PE
DOUBLE CRIMP: Extended Copper Sleeve
TERMINAL MATERIAL: Tin Plated Brass
FEATURES: Serrated Barrel

Measurement = inches

Cat No.	Color	Wire Size AWG	NEMA TAB	W	D	L	Bag Qty	Box Qty	Per 100
12282	Red	22-16	.032X.250	.260	.256	1.102	100	1000	
12284	Blue	16-14	.032X.250	.260	.256	1.102	100	1000	
12286	Yellow	12-10	.032X.250	.260	.295	1.102	100	1000	

Heat Shrinkable - Male Disconnectors



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

MAXIMUM ELECTRIC RATING: 300 Volts
SHRINK TEMP: 302°F (150°C)
RESISTANT TEMP: 14°F ~ 221°F (-26°C ~ 105°C)
INSULATION MATERIAL: High Density PE
DOUBLE CRIMP: Extended Copper Sleeve
TERMINAL MATERIAL: Tin Plated Brass
FEATURES: Serrated Barrel

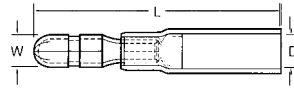
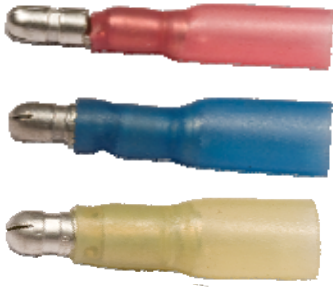
Measurement = inches

Cat No.	Color	Wire Size AWG	NEMA TAB	W	D	L	Bag Qty	Master Bag Qty	Per 100
12292	Red	22-16	.032X.250	.250	.217	1.339	100	1000	
12294	Blue	16-14	.032X.250	.250	.236	1.339	100	1000	
12296	Yellow	12-10	.032X.250	.250	.319	1.378	100	1000	



WIRE MANAGEMENT

Heat Shrinkable - Bullet Disconnectors



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

MAXIMUM ELECTRIC RATING: 300 Volts

SHRINK TEMP: 302°F (150°C)

RESISTANT TEMP: 14°F ~ 221°F (-26°C ~ 105°C)

INSULATION MATERIAL: High Density PE

DOUBLE CRIMP: Extended Copper Sleeve

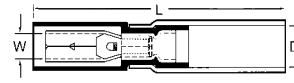
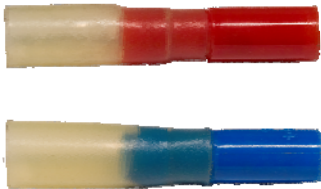
TERMINAL MATERIAL: Tin Plated Brass

FEATURES: Serrated Barrel

Measurement = inches

Cat No.	Color	Wire Size AWG	W	D	L	Bag Qty	Box Qty	Per 100
12312	Red	22-16	.157	.217	1.299	100	1000	
12314	Blue	16-14	.157	.236	1.299	100	1000	
12316	Blue	16-14	.197	.236	1.299	100	1000	
12318	Yellow	12-10	.197	.319	1.398	100	1000	

Heat Shrinkable - Fully Insulated Receptacle Disconnectors



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

MAXIMUM ELECTRIC RATING: 300 Volts

SHRINK TEMP: 302°F (150°C)

RESISTANT TEMP: 14°F ~ 221°F (-26°C ~ 105°C)

INSULATION MATERIAL: Nylon & High Density PE

DOUBLE CRIMP: Extended Copper Sleeve

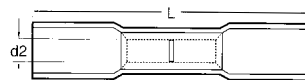
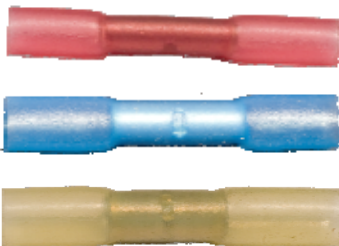
TERMINAL MATERIAL: Tin Plated Brass

FEATURES: Serrated Barrel

Measurement = inches

Cat No.	Color	Wire Size AWG	W	D	L	Bag Qty	Master Bag Qty	Per 100
12322	Red	22-16	.154	.256	1.594	100	1000	
12324	Blue	16-14	.154	.295	1.594	100	1000	

Heat Shrinkable - Butt Splice Connectors



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	9	12	17	18	30	35	50

MAXIMUM ELECTRIC RATING: 600 Volts

SHRINK TEMP: 302°F (150°C)

RESISTANT TEMP: 14°F ~ 221°F (-26°C ~ 105°C)

INSULATION MATERIAL: High Density PE

TERMINAL MATERIAL: Electro Tin Plated Copper

Tubular



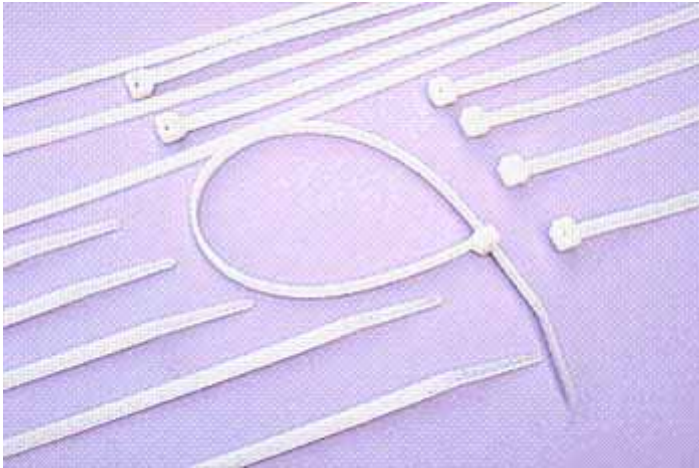
Measurement = inches

Cat No.	Color	Wire Size AWG	d2	L	Bag Qty	Master Bag Qty	Per 100
12332	Red	22-16	.067	1.417	100	1000	
12334	Blue	16-14	.091	1.417	100	1000	
12336	Yellow	12-10	.134	1.614	100	1000	



WIRE MANAGEMENT

Nylon Cable Ties



- Made from UL approved Nylon 6/6
- Normal service temperature range -40° to 185°F (-40° to 85°C)
- Flammability rating UL94V-2
- 20087 & 20089 UL181b-C listed for use with UL non-metallic air ducts & air connectors
- Packed in Sealed Plastic Bags



Cat. No.	Tensil Strength (Lbs.)	Length (Inches)	Width (Inches)	Max Bundle Dia (Inches)	Bag Qty	Master Bag Qty	Per 100
20012	18	3	.094	.71	100	1000	
20014	18	4	.098	.99	100	1000	
20016	18	4 3/4	.098	1.18	100	1000	
20018	18	5 1/2	.098	1.38	100	1000	
20020	18	6 1/2	.098	1.73	100	1000	
20022	18	8	.098	2.17	100	1000	
20032	40	4 3/4	.125	1.18	100	1000	
20034	40	6	.140	1.54	100	1000	
20036	40	8	.125	2.17	100	1000	
20038	40	10	.140	2.91	100	1000	
20040	40	11 1/2	.140	3.35	100	1000	
20052	50	7	.156	1.93	100	1000	
20054	50	8	.179	2.17	100	1000	
20056	50	11	.187	3.19	100	1000	
20058	50	14 1/2	.187	4.02	100	1000	
20060	50	17	.187	4.92	100	100	
20072	120	8	.296	2.17	100	100	
20074	120	11	.296	3.19	100	100	
20076	120	15	.296	4.33	100	100	
20082	175	17 3/4	.312	5.24	100	100	
20084	175	21 5/8	.312	6.54	100	100	
20085	175	24	.351	7.28	100	100	
20086	175	30	.351	9.29	100	100	
20087	175	36	.351	10.63	100	100	
20088	175	46	.351	14.17	100	100	
20089	175	48	.351	14.96	100	100	
20092	250	11	.500	3.19	100	100	
20094	250	21 5/8	.500	6.54	100	100	
20096	250	28 3/4	.500	8.86	100	100	
20098	250	40 1/2	.500	12.48	100	100	



WIRE MANAGEMENT

Ultraviolet Black Nylon Cable Ties



- Carbonate 'A' added for greater resistance to ultra violet in outdoor usage
- Made from UL approved Nylon 6/6
- Normal service temperature range -40° to 185°F(-40° to 85°C)
- Flammability rating UL94V-2
- Packed in Sealed Plastic Bags



Cat No.	Tensil Strength (Lbs.)	Length (Inches)	Width (Inches)	Max Bundle Dia (Inches)	Bag Qty	Master Bag Qty	Per 100
20212	18	3	.094	.71	100	1000	
20214	18	4	.098	.99	100	1000	
20216	18	4 3/4	.098	1.18	100	1000	
20218	18	5 1/2	.098	1.38	100	1000	
20220	18	6 1/2	.098	1.73	100	1000	
20222	18	8	.098	2.17	100	1000	
20232	40	4 3/4	.125	1.18	100	1000	
20234	40	6	.140	1.54	100	1000	
20236	40	8	.125	2.17	100	1000	
20238	40	10	.140	2.91	100	1000	
20240	40	11 1/2	.140	3.35	100	1000	
20252	50	7	.156	1.93	100	1000	
20254	50	8	.179	2.17	100	1000	
20256	50	11	.187	3.19	100	1000	
20258	50	14 1/2	.187	4.02	100	1000	
20260	50	17	.187	4.92	100	100	
20272	120	8	.296	2.17	100	100	
20274	120	11	.296	3.19	100	100	
20276	120	15	.296	4.33	100	100	
20282	175	17 3/4	.312	5.24	100	100	
20284	175	21 5/8	.312	6.54	100	100	
20285	175	24	.351	7.28	100	100	
20286	175	30	.351	9.29	100	100	
20287	175	36	.351	10.63	100	100	
20288	175	46	.351	14.17	100	100	
20289	175	48	.351	14.96	100	100	
20292	250	11	.500	3.19	100	100	
20294	250	21 5/8	.500	6.54	100	100	
20296	250	28 1/2	.500	8.86	100	100	
20298	250	40 1/2	.500	12.48	100	100	



WIRE MANAGEMENT

Colored Nylon Cable Ties



50# Tensil Strength



50# 8" Length .179" Width

Cat No.	Color	Bag Qty	Master Bag Qty	PER 100
20611	Red	100	1000	
20613	Yellow	100	1000	
20614	Green	100	1000	
20615	Blue	100	1000	
20616	Brown	100	1000	
20617	Orange	100	1000	
20618	Gray	100	1000	
20619	Purple	100	1000	
20623	Fluorescent Yellow	100	1000	
20624	Fluorescent Green	100	1000	
20625	Fluorescent Blue	100	1000	
20626	Fluorescent Pink	100	1000	
20627	Fluorescent Orange	100	1000	

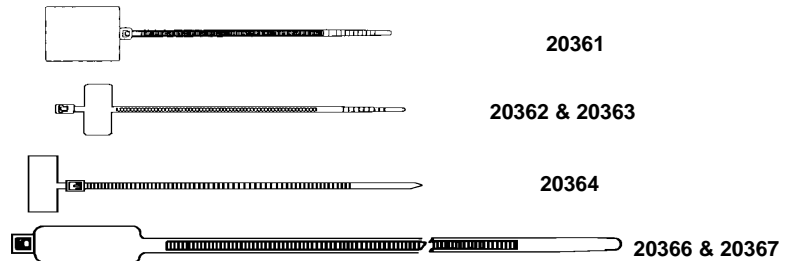
50# 11" Length .187" Width

Cat No.	Color	Bag Qty	Master Bag Qty	PER 100
20631	Red	100	1000	
20633	Yellow	100	1000	
20634	Green	100	1000	
20635	Blue	100	1000	
20637	Orange	100	1000	
20638	Gray	100	1000	

Marker Nylon Cable Ties



- Identification ties & plates combine the ease of using a cable tie with the permanent identification of your product



Cat No.	Tensil Strength (Lbs.)	Length (Inches)	Width (Inches)	Max Bundle Dia(Inches)	Marker Size	Bag Qty	Master Bag Qty	Per 100
20361	18	5.12	.098	.98	.79 x 1.10	100	100	
20362	18	3.94	.098	.98	.31 x .98	100	100	
20363	18	7.87	.098	1.97	.59 x 1.18	100	100	
20364	18	4.33	.098	.98	.31 x .98	100	100	
20366	50	7.87	.179	1.97	.51 x 1.10	100	100	
20367	50	10.62	.179	2.95	.51 x 1.10	100	100	

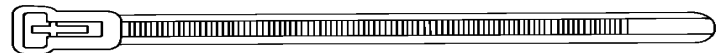
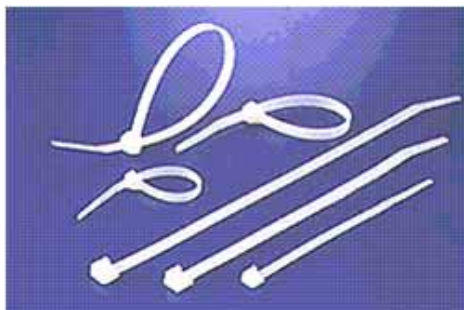
Mounting Nylon Cable Ties



- Use the screw eye to position and secure bundled harnesses with screws, bolts or rivets
- Fasten bundles, hoses, ducts, etc. to panels or other surfaces
- Accepts #10 Screw

Cat No.	Tensil Strength (Lbs.)	Length (Inches)	Width (Inches)	Max Bundle Dia (In)	Bag Qty	Master Bag Qty	Per 100
NATURAL COLOR							
20312	25	3 7/8	.098	.98	100	1000	
20314	40	6	.144	1.54	100	1000	
20316	50	8	.164	2.17	100	1000	
20317	50	11 7/8	.187	3.35	100	1000	
20318	50	14 7/16	.187	4.02	100	100	
20320	120	15 5/8	.308	4.80	100	100	
ULTRAVIOLET BLACK							
20332	25	3 7/8	.098	.98	100	1000	
20334	40	6	.144	1.54	100	1000	
20336	50	8	.164	2.17	100	1000	
20337	50	11 7/8	.1889	3.35	100	1000	
20338	50	14 7/16	.187	4.02	100	100	
20340	120	15 5/8	.308	4.80	100	100	

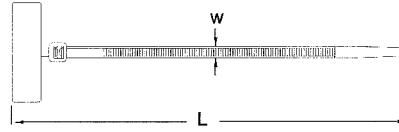
Releasable Nylon Cable Ties



- These ties remain securely locked until intentionally released by operating the finger catch
- Good for temporary fastening

Cat No.	Tensil Strength (Lbs.)	Length (Inches)	Width (Inches)	Max Bundle Dia (In)	Bag Qty	Master Bag Qty	Per 100
NATURAL COLOR							
20412	50	6	.183	1.56	100	1000	
20414	50	8	.183	2.17	100	1000	
20418	50	11 7/8	.187	3.46	100	100	
20420	50	14 1/2	.187	4.02	100	100	
ULTRAVIOLET BLACK							
20422	50	6	.183	1.56	100	1000	
20424	50	8	.183	2.17	100	1000	
20428	50	11 7/8	.187	3.46	100	100	
20430	50	14 1/2	.187	4.02	100	100	

Security Nylon Ties



20372



20374



20376

- For the purpose of identification
- Made from UL approved Nylon 6/6, 94V-2

Cat No.	Length	Width	Max Bundle Dia	Marking Pad	Bag Qty	Master Bag Qty	Per 100
20372	4.37"	0.10"	0.79"	0.31" x 1.09"	100	1000	
20374	9.78"	0.14"	1.97"	1.42" x 0.75"	100	1000	
20376	15.75"	0.19"	4.02"	1.44" x 0.75"	100	—	

Air Handling Cable Ties For Plenum Areas



- Meets UL 2043 for use in air handling spaces
- Generates low smoke & offers low heat release
- Burgundy Color
- 50 Lb. Tensile strength

Cat. No.	Length	Width	Max Bundle Dia.	Bag Qty	Case Qty	Per 100
20982	8.0"	.19"	2.0"	100	5000	
20984	11.8"	.19"	3.0"	100	5000	
20986	14.8"	.19"	4.0"	100	5000	

Tefzel Cable Ties For Plenum Areas



- Suitable for bundling cables of wires in plenum areas
- Can be used in severe environments including acidic areas and high energy radiation exposure
- Manufactured from fluoropolymer materials
- Aqua blue-green color
- Tefzel will not burn in air, but it will burn in oxygen-enriched environments
- The limiting oxygen index (LOI) as measured by the "Candle test" (ASTM D2862) is 30%
- Tefzel is rated 94V-0 by Underwriters Laboratories Inc. in their burning test classification for polymeric materials
- Temperature rated -45°F to +302°F (-43°C to 150°C)

Cat No.	Tensile Strength	Length	Width	Bag Qty	Master Bag Qty	Per 100
20902	18	3.75"	.09"	100	100	
20906	50	7.25"	.19"	100	100	
20910	50	14.25"	.19"	100	100	



WIRE MANAGEMENT

Self Stick Cable Ties (Hoop & Loop Fasteners)



- Self Stick
- Bundle wire and cords in one easy step
- Hook on one side, loop on the other & fabric attaches back to itself for a secure closure
- Reusable & good for temporary applications where continuous changes are anticipated
- Attach to single cable and simply wrap around the whole cable bundle
- Will not overcinch or accidentally cut delicate Cat 5E & Fiber Optics
- Allow for 2" overlap when installing
- 50# tensil strength
- Non-metallic so they'll never short circuit electrical equipment or damage a computer disc

8 1/4" Length 5/8" Width

Cat No.	Bundle Dia	Color	Bag Qty	Each Tie
20970	2.0"	Black	10	
20972	2.0"	Blue	10	
20974	2.0"	Red	10	
20976	2.0"	Yellow	10	

12 1/4" Length 5/8" Width

Cat No.	Bundle Dia	Color	Bag Qty	Each Tie
20960	3.375"	Black	10	
20962	3.375"	Blue	10	
20964	3.375"	Red	10	
20966	3.375"	Yellow	10	

Stainless Steel Ties



- Made of stainless steel grade 304
- Ideally suited for hazardous environments
- Roller-ball design allows low insertion force
- Self locking for fast and easy installation
- Smooth edges will not damage wires
- Can install by hand as well as tool
- Normal Operating Temperature -112°F to 1000°F (-80°C to 538°C)
- Non-Magnetic, UV resistant & fireproof

Cat No.	Tensil Strength	Length (Inches)	Width (Inches)	Thickness	Max Bundle Dia (Inches)	Bag Qty	Master Bag Qty	Per 100
20912	200#	5.0	.18	.01	1.0	100	6000	
20914	200#	7.9	.18	.01	2.0	100	6000	
20916	200#	10.5	.18	.01	2.7	100	6000	
20918	200#	14.2	.18	.01	4.0	100	4000	
20920	200#	20.4	.18	.01	6.0	100	3000	
20922	200#	26.8	.18	.01	8.0	100	2000	
20924	200#	33.0	.18	.01	10.0	100	2000	
20930	450#	6.0	.31	.01	1.0	100	3000	
20932	450#	7.9	.31	.01	2.0	100	3000	
20934	450#	10.5	.31	.01	2.7	100	3000	
20936	450#	14.2	.31	.01	4.0	100	2000	
20938	450#	20.4	.31	.01	6.0	100	1500	
20940	450#	26.8	.31	.01	8.0	100	1000	
20942	450#	33.0	.31	.01	10.0	100	1000	



WIRE MANAGEMENT

250 Piece Assortment Pack Nylon Cable Ties



Contains the following:

Quantity	Product Number	Tensil(Lbs) Strength	Length (Inches)
25 Ties	20014	18	4
50 Ties	20034	40	6
100 Ties	20054	50	8
50 Ties	20056	50	11
25 Ties	20058	50	14 1/2

Cat No.	Number Of Ties	Per Package
20300	250	

650 Piece Canister Pack Nylon Cable Ties



1 Case Minimum

Contains the following :

Qty	Product Number	Tensil (Lbs) Strength	Length (Inches)
100 Ties	20014 Natural	18	4
50 Ties	20014 Red	18	4
50 Ties	20014 Blue	18	4
50 Ties	20014 Green	18	4
50 Ties	20014 Yellow	18	4
300 Ties	20054 Natural	50	8
50 Ties	20056 Natural	50	11

Cat No.	Canisters/Case	Per Canister
20302	12	

Cable Marker Plates



- Used to mark cable bundles for permanent identification
- Installed using standard nylon tie wraps
- A fine tip permanent marker is recommended for markings
- Manufactured using natural colored nylon

Cat No	Length	Width	Bag Qty	Master Bag Qty	Each
20382	1.02"	0.60"	10	100	
20384	1.66"	0.83"	10	100	
20386	2.39"	0.99"	10	100	
20388	2.45"	2.03"	10	100	

Push Tie Mounts



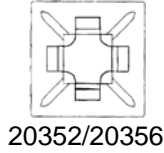
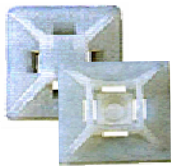
- Drill 1/4" hole on board to fix tie mount and then insert tie into mount for bundling cables
- Made from UL approved Nylon 6/6, 94V-2

Cat No.	Max Cable Tie Accepted	Bag Qty	Master Bag Qty	Per 100
20342	.316" Wide (120#)	100	1000	

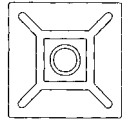


WIRE MANAGEMENT

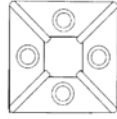
Self-Adhesive Tie Mounts



20352/20356



20354/20357



20355/20359

- Designed to support light weight wire bundles when properly applied on any clean, smooth grease-free surface
- Four sided design allows ties to be easily inserted from any angle
- For heavy support, mounting hole is provided for screws on models #20354/#20357 & #20355/#20359
- To apply, simply peel off backing paper from sticky mount and apply mount to surface. After that, cable ties can be inserted to secure wire bundles
- Made from UL approved Nylon 6/6, 94V-2

Cat No.	Color	Mount Type	Base Size (Inches)	Cable Tie Accepted (inches)	Bag Qty	Master Bag Qty	Per 100
20352	Natural	Regular	.3/4X3/4	.138 Wide	100	1000	
20354	Natural	#8 Screw Hole	1.1X1.1	.190 Wide	100	1000	
20355	Natural	(4) #8 Screw Holes	1.5x1.5	.390 Wide	100	1000	
20356	UV Black	Regular	.3/4X3/4	.138 Wide	100	1000	
20357	UV Black	#8 Screw Hole	1.1X1.1	.190 Wide	100	1000	
20359	UV Black	4) #8 Screw Holes	1.5x1.5	.390 Wide	100	1000	

Saddle Tie Mounts



20351



20358/20360

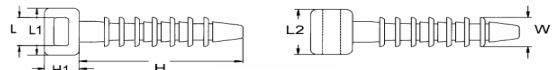
- Saddle design provides maximum stability to wire bundles
- To apply, simply fix mount with a screw and secure wire bundles with nylon cable ties
- Made from UL approved Nylon 6/6, 94V-2
- #8 Screw Accepted

Cat No.	Length	Width	Height	Cable Tie Accepted (Inches)	Bag Qty	Master Bag Qty	Per 100
20351	.748"	.374"	.197"	.195 Wide (50#)	100	1000	
20358	.585"	.390"	.273"	.195 Wide(50#)	100	1000	
20360	.897"	.624"	.351"	.351 Wide(120#)	100	1000	

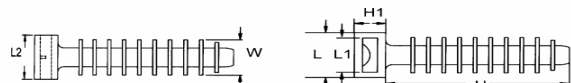
Wall Plug Mounts



- Affix wire & cable permanently with looped cable tie
- Tap screw into pre-drilled hole
- Features concentric circle barbs for extra holding strength
- Made from UL approved Nylon 6/6, 94V-2



20346



20348

Cat No.	Length (L)	L1 Cable Tie Accepted	Length (L2)	Height (H)	Height (H1)	Width (W)	Bag Qty	Master Bag Qty	Per 100
20346	.38"	.23"	.37"	.96"	.24"	.24"	100	1000	
20348	.50"	.38"	.49"	1.46"	.25"	.39"	100	1000	

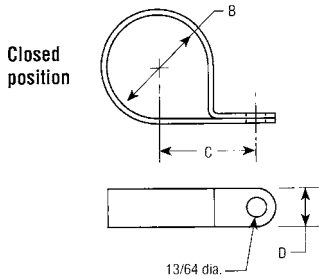
Plastic Cable Clamps



- Secure cable, tubing, wires, fiber optics, etc.
- Used for construction, maintenance and assembly line operations
- Use in control cabinets, panels and general applications
- Molded in the open position for easy assembly
- Tough, durable, yet extremely lightweight
- Working temperature range: -66°F to 340°F (19°C to 171°C)
- Clean, smooth edges to prevent abrasion & for easy handling
- Use with #10 screw (.18") (not included)
- Made from UL approved Nylon 6/6, 94V-2

Dimensions = Inches

Cat No.	Closed Position B	C	Width D	Screw Hole	Bag Qty	Each Clamp
Natural Color						
22412	1/8"	.37	.38	.18	10	
22414	3/16"	.41	.38	.18	10	
22416	1/4"	.39	.39	.18	10	
22418	3/8"	.49	.47	.18	10	
22420	1/2"	.60	.47	.18	10	
22422	5/8"	.72	.47	.18	10	
22424	3/4"	.72	.47	.18	10	
22426	1"	.87	.47	.18	10	
22428	1 1/4"	1.03	.47	.18	10	
22430	1 1/2"	1.18	.47	.18	10	
UV Black Color						
22442	1/8"	.37	.38	.18	10	
22444	3/16"	.41	.38	.18	10	
22446	1/4"	.39	.39	.18	10	
22448	3/8"	.49	.47	.18	10	
22450	1/2"	.60	.47	.18	10	
22452	5/8"	.72	.47	.18	10	
22454	3/4"	.72	.47	.18	10	
22456	1"	.87	.47	.18	10	
22458	1 1/4"	1.03	.47	.18	10	
22460	1 1/2"	1.18	.47	.18	10	



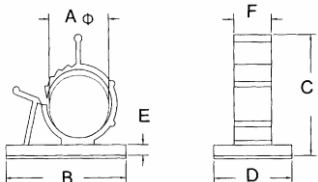
Adjustable Cable Clamp



- Thick adhesive back for quick installation
- Designed to secure wire bundles where fixing holes are impractical
- Can be quickly applied to almost any clean, smooth & grease-free surface
- Can accommodate various cables which will save you money
- Locks securely & can be easily re-opened for routing changes
- Easy to install, open for unlimited usage
- Made from UL approved Nylon 6/6, 94V-2

Dimensions = Inches

Cat No.	Bundle Dia Range A	B	C	D	E	F	Bag Qty	Each Clamp
22472	.31-.41	1.00	.87	.75	.06	.40	10	
22474	.39-.49	1.25	1.09	.75	.06	.40	10	
22476	.50-.61	1.50	1.25	.75	.06	.50	10	
22478	.65-.79	1.65	1.75	1.00	.06	.50	10	
22480	.87-1.00	1.65	1.75	1.00	.06	.50	10	



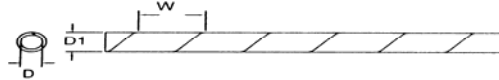


WIRE MANAGEMENT

Spiral Wrap



- Allows breakouts of single/multiple wires & rerouting of replacement wires
- Forms a neat, protective bundle
- Easy to use - twists on like tape
- Durable, reusable with retained spiral strength
- Cut-to-fit versatility in convenient roll form
- Made from polyethylene material
- Excellent in insulation and binding strength
- Good resistance to ordinary solvents and abrasion



Dimensions = Inches

Cat No.	Bundle Range	D	DI	W	Roll Length	Per Roll
Natural Color						
22010	.06 - 0.71	.06	.12	.16	33'	
22011	.16 - 1.97	.16	.24	.28	33'	
22012	.24 - 2.36	.24	.31	.43	33'	
22013	.30 - 2.36	.30	.39	.45	33'	
22014	.35 - 2.65	.35	.47	.55	33'	
22015	.47 - 2.76	.47	.59	.59	33'	
22016	.59 - 3.94	.59	.75	.72	33'	
22017	.79 - 5.12	.79	.94	.77	33'	
UV Black Color						
22110	.06 - 0.71	.06	.12	.16	33'	
22111	.16 - 1.97	.16	.24	.28	33'	
22112	.24 - 2.36	.24	.31	.43	33'	
22113	.30 - 2.36	.30	.39	.45	33'	
22114	.35 - 2.65	.35	.47	.55	33'	
22115	.47 - 2.76	.47	.59	.59	33'	
22116	.59 - 3.94	.59	.75	.72	33'	
22117	.79 - 5.12	.79	.94	.77	33'	

Split Flex Tubing



- Protects and organizes wires and cables
- Constructed of polyethylene
- Corrugated for added flexibility
- Split along length for easy insertion
- Black polypropylene material

Dimensions = Inches

Cat No.	Inside Diameter	Outside Diameter	Roll Length	Box Quantity	Per Roll
22212	.29	.40	100'	30	
22214	.42	.63	100'	15	
22216	.59	.77	100'	8	
22218	.79	.94	100'	5	
22220	.98	1.18	100'	4	

WIRE MANAGEMENT

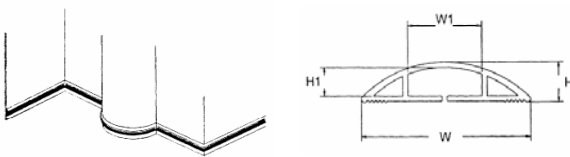
Soft Wiring Duct



- Safe temporary or permanent enclosure of electrical cords, data cables, & other objects that present a trip hazard
- Soft PVC products, packaged in rolls for easy storage
- Cut to required length
- Supplied with double sided tape
- Length: 6'1" per pieces
- Material: PVC

Dimensions = Inches

Cat No.	Width (W)	Color	W1	H	H1	Each Piece
22612	2 1/2"	Brown	.75	.60	.43	
22614	2 1/2"	Black	.75	.60	.43	
22616	2 1/2"	Off White	.75	.60	.43	
22618	4"	Brown	1.16	.91	.61	
22620	4"	Black	1.16	.91	.61	
22622	4"	Off White	1.16	.91	.61	



Double-Sided Adhesive Foam Tape

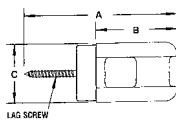


Sticks on both sides

- Use to affix raceway, duct, & track lighting

Cat No.	Width	Length	Each Roll
22512	.32"	165'	
22514	.51"	165'	
22516	.71"	165'	
22518	.91"	165'	
22520	1.10"	100'	

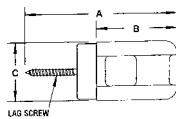
Porcelain Wire Holders



- Wire holder has porcelain head on lag screw

Cat No.	Duty	Trade Size	A	B	C	Box Qty	Each
21892	Light	1-11/16"	2.265"	2.00"	1.375"	25	
21894	Medium	2-1/4"	4.750"	2.75"	2.250"	10	

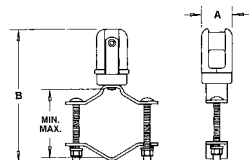
Porcelain Wire Holders - Heavy Duty Reinforced



- Heavy duty wire holder has reinforced saddle

Cat No.	Screw Size	A	B	C	Box Qty	Each
21896	2-1/4" Lag	5.615"	3.200"	1.75"	25	

Porcelain Wire Holders - Heavy Duty Adjustable



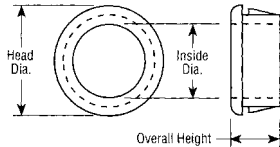
- Wire holder has a steel reinforced saddle for use with pipe or pole attachment
- Fits 1-1/4" to 3" pipe

Cat No.	Conduit Size	A	B	Min.	Max.	Box Qty	Each
21898	1-1/4" to 3"	1.875"	7.625"	1.620"	3.93"	10	



WIRE MANAGEMENT

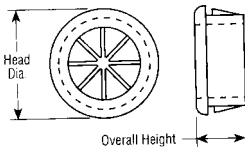
Snap Bushings



- Eliminate sharp edges and insulate your raw-edged holes in metal chassis
 - Easily locks into hole firmly with fingertip pressure
 - Protect electrical cables, ropes, utility lines passing through metal
 - 1/8" maximum steel thickness
 - Made from UL approved Nylon 6/6, 94V-2
- Dimensions = Inches

Cat No.	Mounting Hole Diameter	Inside Diameter	Head Diameter	Overall Height	Bag Qty	Each Bushing
22311	.28	.22	.34	.24	10	
22312	.31	.20	.37	.31	10	
22314	.37	.25	.47	.41	10	
22316	.50	.32	.57	.41	10	
22318	.63	.48	.73	.41	10	
22320	.75	.56	.85	.41	10	
22322	.87	.68	.94	.45	10	
22324	.99	.75	1.10	.45	10	
22326	1.17	.95	1.31	.45	10	
22328	1.50	1.14	1.62	.45	10	
22330	1.72	1.39	1.88	.46	10	

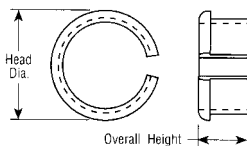
Snap Bushings with Shutters



- Flexible shutters to accommodate a variety of cable & hose sizes from a minimum of 1/8" to a maximum as shown in the table
 - Shutters absorb vibration & cushion cables, tubes, etc.
 - Fingertip pressure snap-locks the bushing into the mounting hole
 - Universal design to hold various cable range with a fixed sizes
 - 1/8" maximum steel thickness
 - Made from UL approved Nylon 6/6, 94V-2
- Dimensions = Inches

Cat No.	Mounting Holes Diameter	Max Cable Size ID	Head Diameter	Overall Height	Bag Qty	Each Bushing
22342	.63	.44	.72	.41	10	
22344	.75	.50	.86	.39	10	
22346	.81	.50	.89	.39	10	
22348	.87	.56	.93	.45	10	
22350	1.00	.80	1.12	.44	10	
22352	1.09	.88	1.21	.44	10	
22354	1.35	1.15	1.48	.44	10	

Snap Bushings (Open/Closed)



- Protect wires, tubing, etc. from sharp/uneven drilled & punched metal holes with smooth plastic chassis
 - 1/8" maximum steel thickness
 - Finger tip pressure snap-locks the bushing into the mounting hole
 - Can be applied where cables are already installed
 - Can accommodate cables too large to fit through the inside diameter of a standard bushing
 - Made from UL approved Nylon 6/6, 94V-2
- Dimensions = Inches

Cat No.	Mounting Hole Diameter	Inside Diameter	Head Diameter	Overall Height	Bag Qty	Each Bushing
22362	.37	.26	.42	.375	10	
22364	.50	.31	.56	.375	10	
22366	.63	.45	.70	.375	10	
22368	.75	.52	.80	.375	10	
22370	.87	.67	.92	.375	10	
22372	1.00	.80	1.06	.375	10	

WIRE MANAGEMENT

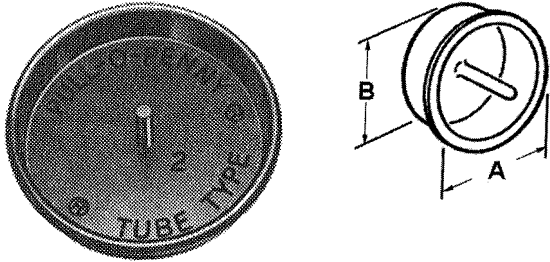
Plastic Knockout Plugs



- To cap unused knockout holes in box or enclosure

Cat No.	Trade Size	A	Bag Qty	Each
21721	1/2"	1-1/8"	100	
21722	3/4"	1-1/4"	100	
21723	1"	1-1/2"	50	

Plastic Pull Caps



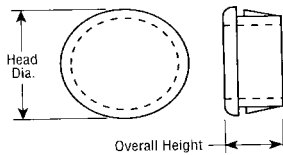
- Used for capping EMT, Rigid, and most bushings

Cat. No.	Trade Size	A	B	Box Qty	Each
21712	1/2"	11/16"	5/8"	100	
21713	3/4"	15/16"	13/16"	100	
21714	1"	1-3/16"	1-1/16"	100	
21715	1-1/4"	1-1/2"	1-3/8"	50	
21716	1-1/2"	1-3/4"	1-9/16"	25	
21717	2"	2-3/16"	2-1/16"	25	

Hole Plugs



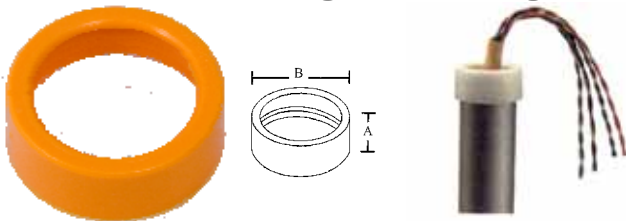
- Plug electrical knockouts with finger tip pressure
- Low cost and assure good appearance
- Less costly & safer than steel snap-in blanks
- 1/8" maximum steel thickness
- Made from UL approved Nylon 6/6, 94V-2



- Sizes listed are actual (not trade sizes)

Cat No.	Mounting Hole Diameter	Head Diameter	Overall Height	Bag Qty	Each Plug
22380	.18 (3/16")	.25"	.23"	10	
22382	.31 (5/16")	.47"	.31"	10	
22384	.37 (3/8")	.51"	.41"	10	
22386	.50 (1/2")	.67"	.41"	10	
22388	.63 (5/8")	.78"	.41"	10	
22390	.75 (3/4")	.90"	.41"	10	
22392	.87 (7/8")	.98"	.44"	10	
22394	.98 (1")	1.11"	.45"	10	
22396	1.18 (1-1/4")	1.35"	.45"	10	
22398	1.50 (1-1/2")	1.67"	.44"	10	
22400	1.75 (1-3/4")	1.93"	.44"	10	

EMT Insulating Bushings



- EMT Insulating Bushings protect cables from abrasion by EMT
- Fast & Easy press-on installation
- Holds tight as cables are pulled
- Less expensive alternative to costly fittings when used just for wire

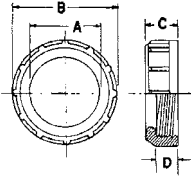
Cat. No.	Trade Size	A	B	Bag Qty	Each
21700	1/2"	.522	.570	100	
21701	3/4"	.538	.764	50	
21702	1"	.614	.954	25	
21703	1-1/4"	.620	1.26	25	
21704	1-1/2"	.620	1.44	25	
21705	2"	.620	1.86	20	
21706	2-1/2"	1.12	2.34	-	
21707	3"	1.19	2.78	-	
21708	3-1/2"	1.22	3.27	-	
21709	4"	1.22	3.71	-	

- Meets NEC Article 300-15C requirements
- Listed for use in environmental air handling spaces per 2005 NEC code requirements 300-22C
- Polyethylene rated at 90°C
- Examples: Power, Cable TV, computer datalines, telephone/modem, audio/visual, alarm and security systems



WIRE MANAGEMENT

Plastic Insulating Bushings

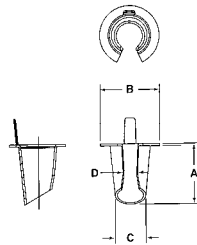


- Threaded fittings for RIGID or IMC conduit
- Thermoplastic material—heat, impact and torque resistance
- Strong reinforcing ribs & rim around bottom
- Flame retardant Polypropylene (Rated to 221°F, 105°C)
- 1/2" wide

Dimension Measurement = Inches

Cat No.	Size	A	B	C	D	Bag Qty	Each
21732	1/2"	0.593	1.063	0.390	0.343	100	
21733	3/4"	0.796	1.312	0.390	0.328	100	
21734	1"	1.000	1.562	0.562	0.468	50	
21735	1-1/4"	1.328	1.921	0.562	0.468	50	
21736	1-1/2"	1.546	2.187	0.562	0.468	50	
21737	2"	2.000	2.687	0.625	0.562	25	
21738	2-1/2"	2.406	3.187	0.671	0.718	20	
21739	3"	3.000	3.843	0.750	0.687	—	
21740	3-1/2"	3.406	4.359	0.750	0.687	—	
21741	4"	3.906	4.843	0.765	0.703	—	
21742	5"	4.921	6.375	1.000	0.843	—	
21743	6"	5.890	7.500	1.000	0.843	—	

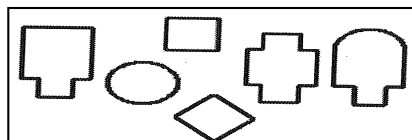
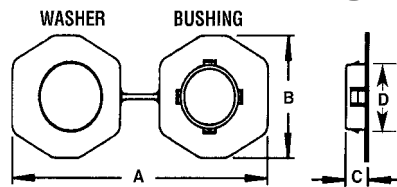
Anti-Short Bushings



- Insulates conductor from cut armor ends on flexible BX or Greenfield conduit
- Overlapping horizontal flange protects against sharp metal edges
- Tapered design assures fast insertion
- Extra length assures positive grip
- Polypropylene material resists weather extremes, oil, moisture and chemicals
- Rated up to 194°F

Cat No.	Size	Cable Sizes	A	B	C	D	Bag Qty	Each
21752	0	14/2, 14/3, 12/2	0.56"	0.671"	0.38"	0.312"	35	
21753	1	14/4, 12/3, 6/1, 4/1	0.65"	0.671"	0.45"	0.312"	35	
21754	2	12/4, 10/2, 10/3, 2/1	0.61"	0.859"	0.58"	0.125"	35	
21755	3	10/4, 8/2, 8/3, 1/1	0.67"	1.046"	0.79"	0.109"	20	
21756	4	8/4, 6/4, 6/3, 6/2, 4/3, 4/2	0.83"	1.266"	1.00"	0.156"	16	

Polypropylene Stud Bushings



Examples of common hole configurations in Metal studs that stud bushing protects



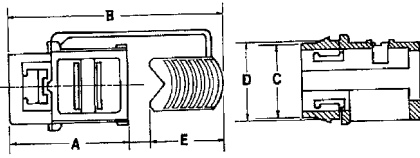
- Fit existing irregular shaped holes in metal studs
- Alleviates the need to punch holes in metal studs, weakening the structural member
- Protects wire insulation from abrasion in metal studs
- Bushing allows smooth wire pulling making a difficult job easier
- No tools needed
- Use these bushings to comply with paragraph 300-4(b)(1) of the 2005 NEC code which states that: "In both exposed & concealed locations where nonmetallic-sheathed cables pass through either factory or field punched, cut, or drilled slots or holes in metal members, the cable shall be protected by bushings or grommets covering all metal edges & securely fastened in the opening prior to installation of the cable"

Cat No.	Stud Size	A	B	C	D	Bag Qty	Each
21760	2x4	5.67"	2.50"	.505"	1.30"	25	



WIRE MANAGEMENT

Non-Metallic Cable Connectors - Lock Wedge Style

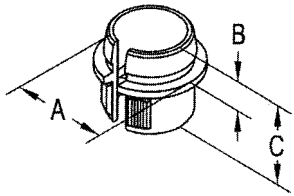


- Accommodates one or two 14-2, 14-3 and 12-2 cables, one 12-3, 10-2 and 10-3 cable, and one or two .300 inch or .600 inch diameter cords
- Push-in design with a captive lock wedge that secures cable with a single squeeze from standard electrician's pliers
- Excellent insulation and superior strain relief
- Sized to fit 1/2" knockout size



Cat No.	Size	A	B	C	D	E	Bag Qty	Case Qty	Each
21762	1/2"	1.342"	2.420"	0.834"	0.883"	0.825"	50	1000	

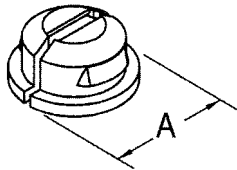
Non-Metallic Cable Connectors - Snap Style



- Smaller and more easily installed in confined and tight areas
- No tools required
- Snap in and you're done
- Easily removed from knockouts and easy removal of Romex from connectors
- A labor saving connector with 60 pound test pull!

Cat No.	Cable Size	Size	Dim. "A"	Dim. "B"	Dim. "C"	Bag Qty	Case Qty	Each
21764	Single Cable 14/2 - 10/3 Two Cables 14/2, 12/2, 14/3	1/2"	1"	3/8"	15/16"	100	3000	

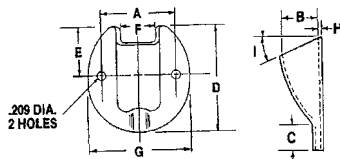
Non-Metallic Cable Connectors - Slot Style



- Fast and easy snap in installation of single or multiple cables
- Easy to remove and reuse
- Made of non-conductive plastic

Cat. No.	Size	Cable Size	Dim. "A"	Bag Qty	Case Qty	Each
21766	1/2"	14/2 or 12/2	1-1/16"	100	5000	

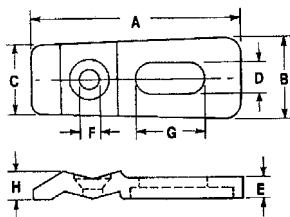
PVC Sill Plates



- Covers service cable where it bends to enter the building for an attractive finish
- May be used on all cable sizes from three #4 to three #0
- Unaffected by seasonal temperature extremes
- Costs less than heavier metal types

Cat. No.	Wire Size	A	B	C	D	E	F	G	H	I	Box Qty	Each
21768	(3) #4 to (3) #0	2.187"	0.968"	0.750"	3.093"	1.406"	1.093"	2.968"	0.078"	25"	250	

Clamp Back Spacers



- Designed as a mounting spacer for 1/2", 3/4, and 1" sizes of Rigid steel, IMC or EMT conduit
- PVC material is impervious to environmental conditions
- Use with all types of clamps or straps

Cat. No.	Size	A	B	C	D	E	F	G	H	Box Qty	Each
21770	1/2", 3/4", 1"	2.625"	1.000"	0.812"	0.375"	0.250"	0.265"	0.875"	0.343"	25	

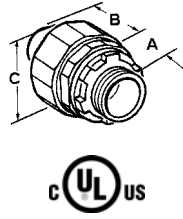


WIRE MANAGEMENT

Non-Metallic Liquid Tight Connectors

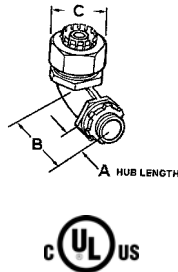
- Nylon construction, Type B, resists saltwater, gasoline, alcohol, oil and grease; UV rated for long outdoor life

Liquid Tight Connectors Straight with Steel Locknut



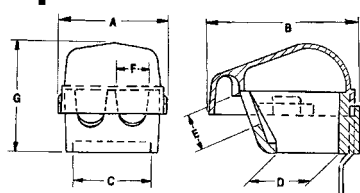
Cat No.	Nominal Size	Length (Inches)	Width (Inches)	Box Qty	Each
21812	3/8"	1.4375	2.3125	100	
21813	1/2"	1.6250	2.500	100	
21814	3/4"	1.9375	2.8125	100	
21815	1"	2.2500	3.4375	50	
21816	1-1/4"	2.6875	4.2500	50	
21817	1-1/2"	3.1250	4.6875	50	
21818	2"	3.6250	5.3125	20	

Liquid Tight Connectors 90° with Steel Locknut



Cat No.	Nominal Size	Length (Inches)	Width (Inches)	Box Qty	Each
21822	3/8"	2.1600	0.83	100	
21823	1/2"	2.1600	0.83	100	
21824	3/4"	2.5700	0.95	100	
21825	1"	3.2200	1.12	50	
21826	1-1/4"	3.8700	1.45	20	
21827	1-1/2"	4.3300	1.53	20	
21828	2"	5.3500	1.86	10	

PVC Entrance Caps

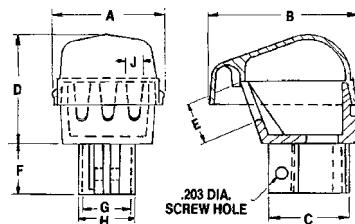


- Accommodates 3-conductor #8 AWG to 3-conductor 4/0 AWG cables
- Rigid, weather-resistant material assembled with a galvanized back plate for easy installation

Dimension Measurement = Inches



Cat No.	Size	Cable Size	A	B	C	D	E	F	G	Box Qty	Each
21772	Small	#8, 6, 4, 2	2.000	2.718	1.343	1.125	0.687	0.531	1.968	200	
21773	Medium	#0, 00	3.031	4.031	1.750	1.375	1.125	0.687	2.875	72	
21774	Large	#000, 0000	3.031	4.031	2.125	1.625	1.125	0.687	2.875	72	



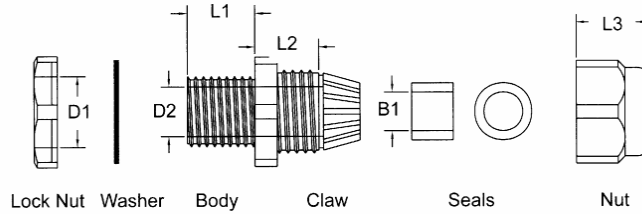
- Entrance head for mounting on PVC, RIGID, IMC and EMT conduit (Red adaptor included for EMT)
- Rugged plastic design is resistant to adverse weather conditons
- Provides 50% more wire room than other entrance heads
- Entire head acts as an insulator of high dielectric strength

Dimension Measurement = Inches



Cat No.	Size	A	B	C	D	E	F	G	H	J	Box Qty	Each
21782	1/2"	2.000	2.718	1.500	1.968	0.687	0.937	0.855	2.609	0.312	200	
21783	3/4"	2.406	2.296	1.718	2.234	0.812	0.937	1.065	1.250	0.437	140	
21784	1"	2.406	2.296	1.968	2.234	0.812	1.125	1.330	1.312	0.437	140	
21785	1-1/4"	3.031	4.031	2.343	2.656	0.875	1.093	1.675	1.890	0.531	75	
21786	1-1/2"	3.500	4.031	2.593	2.625	0.875	1.125	1.915	2.125	0.625	75	
21787	2"	4.531	6.312	3.375	3.812	1.437	1.625	2.390	2.687	0.750	20	

Nylon Cable Glands

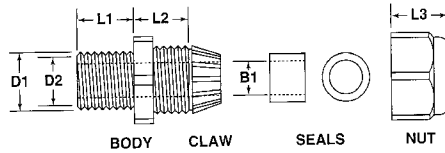


- Simply push the cable through the liquid tight nylon strain relief & tighten nut for quick installation
- Threads into your panel or for clearance, locknut included
- Internal ratchet provides self-locking against vibration
- 'Collet' design of body accommodates various size cords, cables, tubing, etc.
- Seal & clamp system allows the cord connector to tighten in a circular sequence on the sealing ring to give outstanding strain relief without twisting or damaging the cable
- Nylon body material is resistant to most common chemicals & solvents
- For best results, use the minimum size that fits into your cable
- No disassembly required
- Made of UL approved NYLON 66, 94V-2 (Black), 22534-22542 UR Listed
- Weatherproof
- Does not have NPT threading

Dimensions = Inches

Cat No.	Mounting Hole D1	Cable Range	(MM)	D2	B1	L1	L2	L3	Bag Qty	Each Piece
22532	.47	.12-.26	1.25	.33	.24	.31	.48	.52	10	
22534	.63	.20-.39	1.50	.43	.38	.62	.57	.66	10	
22536	.79	.39-.55	1.50	.58	.51	.59	.78	.72	10	
22538	.98	.51-.71	1.50	.73	.65	.59	.74	.88	10	
22540	1.26	.71-.98	1.50	1.02	.92	.58	.80	1.03	10	
22542	1.57	.87-1.26	1.50	1.30	1.20	.70	.92	1.24	10	
22544	1.97	1.18-1.50	1.50	1.62	1.50	.68	1.01	1.24	10	
22546	2.40	1.34-1.73	1.50	2.13	1.73	.73	1.06	1.28	10	
22548	2.48	1.65-1.97	1.50	2.20	1.95	1.00	1.16	1.43	10	

Nylon Cable Glands NPT Thread



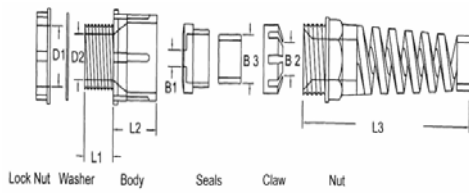
- Screw into NPT Thread
- Watertight
- Easy to assemble
- Good strain relief
- Wide clamping range
- Multi-purpose application
- Color: Black
- Made of UL approved NYLON 66, 94V-2 (Black)

Cat No.	NPT Thread	Cable Range	D1	D2	B1	L1	L2	L3	Bag Qty	Master Bag Qty	Each Piece
22550	1/4"	0.118" - 0.256"	0.520	0.327"	0.236"	0.299"	0.500"	0.520"	10	100	
22551	3/8"	0.197" - 0.394"	0.646	0.421"	0.354"	0.575"	0.539"	0.661"	10	100	
22552	1/2"	0.394" - 0.551"	0.815	0.587"	0.500"	0.492"	0.740"	0.724"	10	100	
22553	3/4"	0.512" - 0.709"	1.008	0.728"	0.650"	0.575"	0.701"	0.878"	10	100	
22554	1"	0.709" - 0.984"	1.299	1.024"	0.933"	0.579"	0.811"	1.071"	10	100	
22555	1-1/4"	0.866" - 1.260"	1.642	1.260"	1.142"	0.705"	0.882"	1.236"	10	100	



WIRE MANAGEMENT

Nylon Cable Glands (with strain relief)

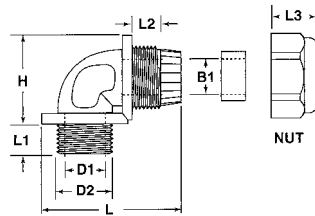


Dimensions = Inches

- Same features as Non NPT Cable Gland
- Strain relief design protects cable from breakage/right angle bending
- Does not have NPT threading
- Locknut included
- Made of UL approved NYLON 66, 94V-2 (Black)
- 22564-22568 UR Listed

Cat No.	Cable Range	Mounting Hole D1	Pitch	D2	B1	L1	L2	L3	Bag Qty	Each Piece
22562	.12-.26	.47	1.25	.33	.24	.31	.48	.52	10	
22564	.20-.39	.63	1.50	.43	.38	.62	.57	.66	10	
22566	.39-.55	.79	1.50	.58	.51	.59	.78	.72	10	
22568	.51-.71	.98	1.50	.73	.65	.59	.74	.88	10	

Right Angle Nylon Cable Glands NPT Thread



Dimensions = Inches

- Same features as Nylon Cable Gland NPT Thread
- 90° design protects cable from breakage
- NPT Threading (National Pipe Thread)
- Made of UL approved NYLON 66, 94V-2 (Black)

Cat No.	NPT Thread	Cable Range	Mounting Hole D1	D2	B1	L1	L2	L3	L	H	Bag Qty	Each Piece
22582	NPT 3/8"	.02-.35	.65	.47	.37	.46	.39	.66	1.91	1.18	10	
22584	NPT 1/2"	.39-.51	.83	.55	.51	.58	.46	.72	2.03	1.23	10	
22586	NPT 3/4"	.51-.63	1.04	.76	.65	.58	.49	.88	2.54	1.64	10	
22588	NPT 1 1/4"	.87-1.14	1.64	1.24	1.15	.74	.64	1.22	3.35	2.09	10	

Alligator Test Clips



Figure 1
Molded Handle
Screw Type



Figure 2
Flexible Vinyl Molded
Insulator Crimp Type



FIGURE 3
Flexible Vinyl Molded
Insulator Screw Type

- Versatile Steel Clips
- Rated: 10 Amp
- Nickel Plated
- Precision Mesh Jaws

No.	Color	Fig	Clip Length	Jaw Opening	Bag Qty	Master Bag Qty	Each Clip
17320	Red	1	2"	5/16"	10	100	
17330	Black	1	2"	5/16"	10	100	
17335	Red	2	1 11/16"	5/16"	10	100	
17337	Black	2	1 11/16"	5/16"	10	100	
17340	Red	3	1 11/16"	7/16"	10	100	
17350	Black	3	1 11/16"	7/16"	10	100	

Insulated Battery Clamps



- For battery, battery charger and testing equipment applications
- Handle grips are insulated and color-coded for easy identification
- Steel material, crimp/solder wire attachment

No.	Color	Amp	Clip Length	Jaw Opening	Bag Qty	Master Bag Qty	Each Clamp
17352	Red	10	3"	1-3/16"	2	10	
17354	Black	10	3"	1-3/16"	2	10	
17362	Red	50	4"	1-3/8"	2	10	
17364	Black	50	4"	1-3/8"	2	10	

WIRE MANAGEMENT

Plastic Cable Clips



Dimension Measurement = Inches

- Impact resistant non-corrosive
- Complete with corrosion resistant hardened steel nails for securing cable to wood, cement, plaster, brick, etc.
- Nail heads are recessed for minimum exposure
- Smooth saddle prevents damage to insulation
- High-grade injection-molded polyethylene
- Resists rot, rust and the effects of temperature extremes

Cat No.	For Wire Sizes	Color	W x Ht x Ht (inside)	Bag Qty	Master Bag	Per 100
35000	2 Nail 12/2 & 14/2 Romex & UF (1/2" wide)	White	.49 x .31 x .21	100	1000	
35001	2 Nail 10/2 Romex & UF (3/4" wide)	White	.74 x .31 x .21	100	1000	
35002	12/2 & 14/2 Romex & UF	White	.39 x .39 x .26	100	1000	
35004	14/3 Romex	Gray	.31 x .51 x .32	100	1000	
35006	10/3 & 12/3 Romex	Gray	.43 x .65 x .48	100	1000	
35008	RG 59 Coax Cable, CAT 5 UTP 4 Pair	Gray	.24 x .35 x .26	100	1000	
35010	RG 6 Coax Cable	Gray	.28 x .43 x .30	100	1000	
35012	4 Conductor Telephone Wire	Gray	.14 x .23 x .15	100	1000	
35014	Small cords such as lamp, thermostat, speaker & phone	White	.24 x .25 x .15	100	1000	

Plastic Stacking Staples



- Plastic insulated staples quickly and easily secure vertical stacks of non-metallic cable
- Electro-zinc plated nails provide strength and durability
- Smooth saddles prevent damage to insulation
- UV-protected Polyethylene saddle resists rot, rust and deterioration
- 1/2" wide, white color

Cat. No.	Cable Size	Bag Qty	Case Qty	Per 100
35016	(2) 14/2 & 12/2	50	500	
35018	(3) 14/2 & 12/2	50	500	
35020	(4) 14/2 & 12/2	50	500	

Service Entrance Cable Straps



- Plastic insulated straps quickly and easily secure service entrance cable
- Electro-zinc plated nails provide strength and durability
- Stabilized against UV rays and extreme cold; withstand deterioration and breakage
- Smooth saddles prevent damage to insulation, Polyethylene material

Cat. No.	Cable Size	Bag Qty	Case Qty	Per 100
35022	#6 & #8 SEU	50	500	
35024	#2 SEU	25	250	
35026	4/0 SEU	25	250	
35028	#6 SER & 1/2" EMT	50	500	
35030	#2 SER & 3/4" EMT	25	250	
35032	2/0 SER	25	250	
35034	4/0 SER	25	250	

Two Hole PVC Pipe Straps



- For Plastic Conduit Schedule 40 PVC
- Heavy Duty Polythene resists deterioration from UV rays and breakage from extreme cold

No.	Size	Box Qty	Each Strap
19490	1/2"	100	
19492	3/4"	100	
19494	1"	100	
19496	1-1/4"	50	
19498	1-1/2"	50	
19500	2"	50	
19501	2-1/2"	25	
19502	3"	25	
19503	4"	25	



WIRE MANAGEMENT

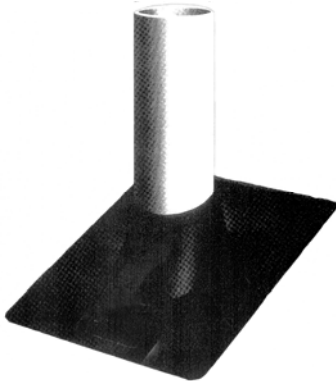
Galvanized Self-Seal Roof Flashings



- Slips easily over vent pipe - self-sealing to vent pipe surface
- Self-sealing elastomeric collar attached to a base of heavy gage aluminum
- Collar will not crack, chip, peel or separate from aluminum
- Eliminates caulking - no sealing compound required
- Absolutely leak-proof & fits most roof sizes
- Accommodates all vent types - ie: plastic, copper, steel or cast iron

Cat No.	Size	Box Qty	Each
G11830	1/2" - 1"	12	
G12201	1-1/4" - 1-1/2"	12	
G12202	2"	12	
G12203	3"	12	
G12204	4"	12	

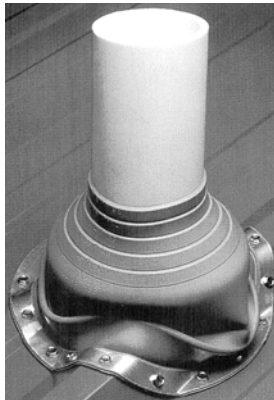
Rubber Flexible Flashings



- Rubber seizes the vent pipe with a locking grip preventing leakage entirely
- One piece construction molded from military grade elastomer assures long life & all weather protection - will not crack, chip or peel; oil, ozone & sunlight (UV) resistant
- Highly adaptable product installs quickly & easily & adjusts to wide range of roof pitches, contours & surfaces
- Accommodates all vent types - ie: plastic, copper, steel or cast iron

Cat No.	Size	Box Qty	Each
G30101	1-1/4" - 1-1/2"	12	
G30102	2"	12	
G14025	2-1/2"	12	
G30103	3"	12	
G30104	4"	12	

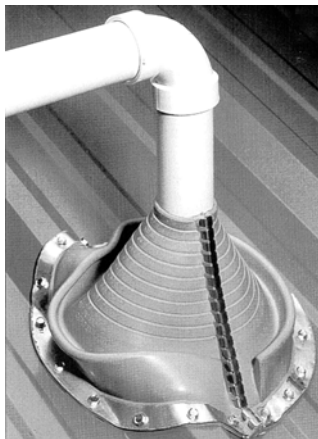
Metal Roof Flashings



- Attaches to most decks, aluminum, copper, lead, plastic, fiberglass, etc.
- Applications include plumbing, heating & air conditioning pipes & vents, electrical service entrances, etc.
- Flexible, weather resistant E.P.D.M. resists ozone & UV light
- Pleated cone adjusts to any roof pitch & allows for complete flexibility
- Effectively isolates the pipe from the building movement created by expansion, contraction & vibration
- -30°F - 250°F continuous service temperature range
- Compatible with pipes of steel, PVC, copper & sheet metal

Cat No.	Outside Diameter of Pipe to be Flashed	Base Diameter	Height	Each
G14741	1/4" - 2"	4-3/4"	3"	
G14743	1/4" - 4"	7-3/4"	4"	

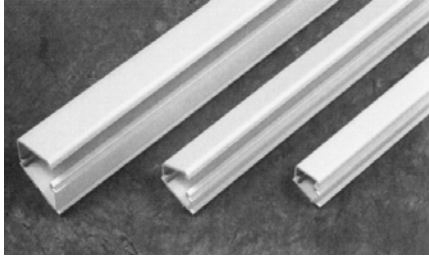
Retrofit Roof Flashings



- Designed for applications where continuous pipes or obstructions prevent the use of standard flashings
- Easily installed by wrapping around existing pipe & fastening down onto roof deck
- The pliable cone & stainless steel closure can easily be trimmed to the exact diameter of pipe to be flashed
- Unique stainless steel closure effectively resists corrosion & provides a positive weatherproof seal
- Corrosion-resistant aluminum base can be easily shaped to conform to most roof profiles
- Made of flexible, weatherproof E.P.D.M. rubber
- Insulates the pipe from building movement caused by expansion, contraction, & vibration
- -30°F - 250°F continuous service temperature range
- Pipe diameter markings on the flexible cone in inches & millimeters

Cat No.	Outside Diameter of Pipe to be Flashed	Base Diameter	Height	Each
G14751	1/4" - 2"	4-3/4"	3"	
G14752	1/4" - 4"	7-3/4"	4"	

1 Piece PVC Latching Raceways

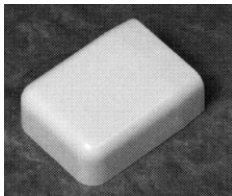


- One piece with flexible hinge connecting base and cover
- 10 Joint Couplings in each box at no charge allows you to make 8' pieces
- Comes with pre-applied foam tape adhesive backing
- Highly flexible hinge allows raceway to open & close repeatedly without cracking
- Self locking latch
- Cat 5E/6 compliant fittings with 1" bend radius thus maintaining end to end connectivity even when filled to capacity or pulled through the raceway
- UL 94V-O flame resistant, 600 volt power rated



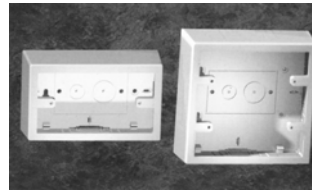
Sold Only
In Box
Quantity

Cat No.	Size	Color	Width	Height	Plastic Thickness	Tape Width	Pieces Per Box	Couplings Per Box	Each Piece
22712	3/4" x 1/2" x 4'	White	0.760	0.505	0.050	0.500	20	10	
22716	3/4" x 1/2" x 4'	Ivory	0.760	0.505	0.050	0.500	20	10	
22718	1" x 1/2" x 4'	White	1.010	0.505	0.050	0.750	20	10	
22722	1" x 1/2" x 4'	Ivory	1.010	0.505	0.050	0.750	20	10	
22724	1-1/2 x 3/4" x 4'	White	1.500	0.755	0.050	1.000	20	10	
22728	1-1/2 x 3/4" x 4'	Ivory	1.500	0.755	0.050	1.000	20	10	



End Cap & Reducer

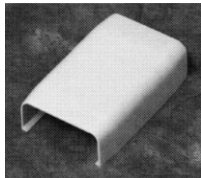
Cat No.	Size	Reduces To	Color	Pieces Per Bag	Each Piece
22732	3/4"		White	10	
22736	3/4"		Ivory	10	
22738	1"	3/4"	White	10	
22742	1"	3/4"	Ivory	10	
22744	1 1/2"	3/4" or 1"	White	10	
22748	1 1/2"	3/4" or 1"	Ivory	10	



Junction Box

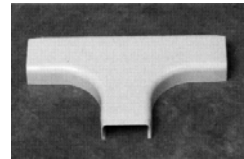
- 2.95" Insert Clearance

Cat No.	Description	Color	Each Piece
22752	1 Gang Deep Box	White	
22756	1 Gang Deep Box	Ivory	
22758	2 Gang Deep Box	White	
22762	2 Gang Deep Box	Ivory	



Splice/Joint Cover

Cat No.	Size	Color	Pieces Per Bag	Each Piece
22772	3/4"	White	10	
22776	3/4"	Ivory	10	
22778	1"	White	10	
22782	1"	Ivory	10	
22784	1-1/2"	White	10	
22788	1-1/2"	Ivory	10	

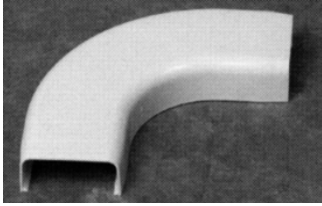


3 Way Tee

Cat No.	Size	Color	Pieces Per Bag	Each Piece
22812	3/4"	White	10	
22816	3/4"	Ivory	10	
22818	1"	White	10	
22822	1"	Ivory	10	
22824	1-1/2"	White	10	
22828	1-1/2"	Ivory	10	

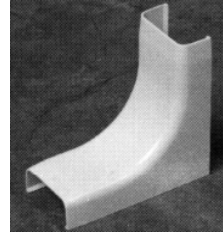


WIRE MANAGEMENT



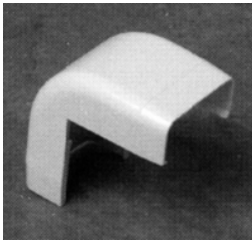
90° Flat Elbow

Cat No.	Size	Color	Pieces Per Bag	Each Piece
22832	3/4"	White	10	
22836	3/4"	Ivory	10	
22838	1"	White	10	
22842	1"	Ivory	10	
22844	1-1/2"	White	10	
22848	1-1/2"	Ivory	10	



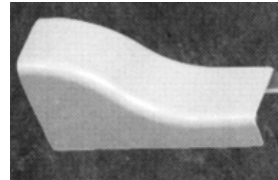
Inside Corner

Cat No.	Size	Color	Pieces Per Bag	Each Piece
22852	3/4"	White	10	
22856	3/4"	Ivory	10	
22858	1"	White	10	
22862	1"	Ivory	10	
22864	1-1/2"	White	10	
22868	1-1/2"	Ivory	10	



Outside Corner

Cat No.	Size	Color	Pieces Per Bag	Each Piece
22872	3/4"	White	10	
22876	3/4"	Ivory	10	
22878	1"	White	10	
22882	1"	Ivory	10	
22884	1-1/2"	White	10	
22888	1-1/2"	Ivory	10	



Ceiling Entry

Cat No.	Size	Color	Pieces Per Bag	Each Piece
22952	3/4"	White	10	
22956	3/4"	Ivory	10	
22958	1"	White	10	
22962	1"	Ivory	10	
22964	1-1/2"	White	10	
22968	1-1/2"	Ivory	10	

PVC Latching Duct Cable Management Kit

3 Channels, 2 flat elbows, 1 inside elbow, 1 outside elbow, 1 T-fitting, 2 couplings-all parts made of UL 94-VO compliant, flame resistant PVC. Holds, guides, protects wires up to 600 volts. Comes with pre-applied self-adhesive tape.



Sold Only
In Box
Quantity

Sold Only
In Box
Quantity

Cat No.	Description	Color	Kits Per box	Each Kit
22682	3/4" X 1/2" X 4' Raceway Kit	White	10	
22686	3/4" X 1/2" X 4' Raceway Kit	Ivory	10	
22688	1" X 1/2" X 4' Raceway Kit	White	10	
22692	1" X 1/2" X 4' Raceway Kit	Ivory	10	

Wire Marker Booklets



- Pocket-sized booklet of Self-Adhesive wire markers and matching terminal markers
- 450 Wire Markers
- Save time and money on site and in-plant initial hook up, troubleshooting, maintenance, and repairs.
- Cloth material has a better initial adhesion
- Assures durability and minimizes the potential of tearing.
- Oil ,water and abrasion resistant
- Service temperature from -40°F to +250°F (-40°C to +121°C)

Cat No.	Material	Std Marking	Markers Per Each Legend	Bag Qty	Each Book
21252	Tyvek	0-9	45	10	
21253	Cloth	0-9	45	10	
21254	Tyvek	1-45	10	10	
21257	Cloth	1-45	10	10	
21255	Tyvek	46-90	10	10	
21258	Cloth	46-90	10	10	
21256	Tyvek	A-Z,0-15,+/-	10	10	
21260	Cloth	A-Z,0-15,+/-	10	10	
21262	Cloth	1,2,3,	150	10	
21264	Cloth	A,B,C	150	10	
21266	Cloth	T ₁ ,T ₂ ,T ₃	150	10	
21268	Cloth	L ₁ ,L ₂ ,L ₃	150	10	
21270	Cloth	10 nema colors	45	10	
21272	Cloth	+, -,AC, DC, pos, neg, grd, neut, spare, blank	45 33 27 21	10	
21274	Cloth	Burglar Alarm	Various Markings	10	
21276	Cloth	Fire Alarm	Various Markings	10	
21278	Cloth	Circuit Breaker	79 legends + 11 blank Kitchen, Outlets, Range, Bath, Lights, Dryer, etc.	10	

Write and Wrap Dispensers & Booklets



- Pocket sized disposable
- Contains a roll of pre-cut self laminating wire markers
- Each marker has a white area available for legend inscription using a pen or pencil
- After marking, simply pull back on the marker liner and the marker is dispensed
- On application the transparent portion of the clear vinyl marker wraps around itself to protect the write on area
- The adhesive is an aggressive acrylic that is impervious to oil and water
- Service temperature from -40°F to +250°F (-40°C to +121°C)

Cat No.	Type	Label Width	Label Length	Write Area	Markers Per Dispenser or Booklet	Each
21232	Dispenser	3/4"	1-1/4"	3/4" x 5/16"	300	
21234	Dispenser	3/4"	1-7/8"	3/4" x 1/2"	150	
21236	Book	3/4"	1-5/8"	3/4" x 5/8"	120	
21238	Book	1"	2-1/2"	1" x 3/4"	60	



WIRE MANAGEMENT

Wire Marker Dispensers



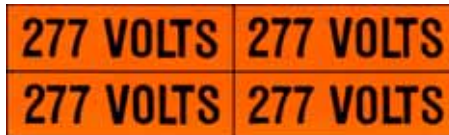
- Compact, carry-along dispenser with 10 refillable compartments that hold 8 foot rolls of tyvek tape numbered 0-9
- Each roll contains 76 pre-cut markers 1/4" x 1 1/4" length
- Clear black legend
- Oil, water and abrasion resistant
- Acrylic adhesive
- Service temperature from -40°F to +200°F (-40°C to +93°C)

Cat No.	Description	Box Qty	Each Dispenser/ Set of 10 Rolls
21210	Preloaded dispenser with legends 0-9	5 Dispensers	
21220	Set of 10 Refill rolls with legends 0-9	5 Sets (50) Rolls	
21221	Set of 10 Refill rolls with legend 1	5 Sets (50) Rolls	
21222	Set of 10 Refill rolls with legend 2	5 Sets (50) Rolls	
21223	Set of 10 Refill rolls with legend 3	5 Sets (50) Rolls	
21224	Set of 10 Refill rolls with legend 4	5 Sets (50) Rolls	
21225	Set of 10 Refill rolls with legend 5	5 Sets (50) Rolls	
21226	Set of 10 Refill rolls with legend 6	5 Sets (50) Rolls	
21227	Set of 10 Refill rolls with legend 7	5 Sets (50) Rolls	
21228	Set of 10 Refill rolls with legend 8	5 Sets (50) Rolls	
21229	Set of 10 Refill rolls with legend 9	5 Sets (50) Rolls	
21230	Set of 10 Refill rolls with legend 0	5 Sets (50) Rolls	

Voltage Markers



STYLE A — 1 Per Card
2 1/4" X 9"



STYLE B — 4 Per Card
1 1/4" X 4.5"



STYLE C — 18 Per Card
1/2" X 2 1/4"

- Identify voltage, conduit, electrical components, etc.
- Tough and permanent, they resist abrasion, oil, grease, moisture, chemicals and extreme high and low temperatures
- Bold black copy on bright orange background is the accepted color for this type of identification
- Voltage markers can be used on all sizes of conduit, panels, transformers, switchgear, controls and many other types of electrical equipment
- The permanent acrylic adhesive bonds firmly to most clean surfaces

Cat No.	Legend	Markers Per Card	Cards Per Bag	Each Card
21312	120V	1	5	
21314	120V	4	5	
21316	120V	18	5	
21318	120/208V	1	5	
21320	120/208V	4	5	
21322	120/208V	18	5	
21324	208V	1	5	
21326	208V	4	5	
21328	208V	18	5	
21330	220V	1	5	
21332	220V	4	5	
21334	220V	18	5	
21336	277V	1	5	
21338	277V	4	5	
21340	277V	18	5	

Cat No.	Legend	Markers Per Card	Cards Per Bag	Each Card
21352	230V	1	5	
21354	230V	4	5	
21356	230V	18	5	
21358	240V	1	5	
21360	240V	4	5	
21362	240V	18	5	
21364	460V	1	5	
21366	460V	4	5	
21368	460V	18	5	
21370	480V	1	5	
21372	480V	4	5	
21374	480V	18	5	
21376	Three Phase	1	5	
21378	Three Phase	4	5	
21380	Three Phase	18	5	

Safety Signs



- Identify hazards & reduce the possibility of serious injury
- 4 Sizes 10" x 14", "14" x 10", 7" x 10", 7" x 5"
- Adhesive backed
- Outdoor vinyl grade
- Outdoor durability
- UV resistant characteristics
- 25 Signs per master bag

Cat No.	Type	Legend	Size (HxW)	Each Sign
21412	Notice	Authorized Personnel Only	10"x14"	
21414	Notice	No Smoking	10"x14"	
21416	Notice	In Accordance with OSHA... (See * below)	10"x14"	
21418	Danger	Cable Buried Here	10"x14"	
21420	Danger	Keep Out	10"x14"	
21422	Caution	Area In front of Electrical Panel Must Be Kept Clear for 36" OSHA-NEC Regulations	7"x10"	
21424	Danger	Authorized Personnel Only	10"x14"	
21426	Danger	Buried Cable High Voltage	10"x14"	
21428	Danger	High Voltage	10"x14"	
21429	Danger	High Voltage	7"x10"	
21430	Danger	High Voltage Keep Out	10"x14"	
21432	Caution	Lock Out Equipment Before Servicing	7"x10"	
21434	Danger	No Smoking	14"x10"	
21436	Danger	Eye Protection Required	14"x10"	
21438	Danger	Arc Flash Hazard	7"x5"	
Bilingual Signs				
21440	Danger	High Voltage	14"x10"	
21442	Danger	High Voltage Do Keep Out	14"x10"	
21444	Danger	Lock Out Before Working on Equipment	10"x14"	
21446	Danger	No Smoking	14"x10"	

* In Accordance with OSHA Standard 1910.147, All equipment, machines and processes shall be locked out prior to servicing. Lockout procedures are posted in the main operating area and/or by the main energy source of each machine. If you have any questions about the lockout procedures, please see your supervisor or the safety director. This standard will be strictly enforced.

Lockout Tags



- Lockout tags warn of Hazard in and around Machinery, Equipment, Valves, etc.
- Made of rigid 15 mil vinyl with 7/16" brass grommet
- Easy to write on with permanent marker
- Moisture and mildew resistant for outdoor use
- Each durable long lasting tag is 5-3/4 x 3"
- Available in standard packs of 5 tags

Cat No.	Legend	Tags Per Bag	Each Tag
21512	Do Not Operate	5	
21514	Do Not Operate (w/clear photo flap)	5	
21516	Do Not Open	5	
21518	Do Not Close	5	
21520	Do Not Start	5	
21522	Do Not Throw Switch	5	
21524	Do Not Energize	5	
21526	Do Not Energize (w/clear photo flap)	5	
21528	Equipment Locked Out (with stripes)	5	
21530	Men Working on Machinery (Bilingual)	5	



WIRE MANAGEMENT

Lockout Stations



Locks, Hasps & Tags not included - order separately

- Lockout Stations serve as a convenient distribution point for lockout components; locks, tags, and hasps
- Built for most demanding conditions
- Highly visible yellow stations are easy to locate
- Made of pre-drilled durable PVC foam board
- May be purchased with or without compliance components
- Locks, Hasps & Tags not included - order separately

Cat No.	Description	Board Size	Each
21612	4 Lock, Lockout center, Empty	9" x 12"	
21614	10 Lock, Lockout center, Empty	12" x 19"	
21616	20 Lock, Lockout center, Empty	24" x 19"	

Padlocks



- Solid Anodized Aluminum
- Lock Body measures 1-1/2" wide x 3/4" thick x 1-13/16" high
- Chrome plated hardened steel shackle is 1/4" dia x 1" vertical clearance x 25/32" horizontal clearance
- Double Ball Bearing Locking Mechanism
- Re-keyable 5 pin brass cylinder and anti-pick pinning
- Each lock comes with 2 keys
- Complies with OSHA Rule (1910.147) for Safety Lockout Guards Against Accidental Start-Up Injuries

Padlocks Keyed Different

Cat No.	Color	Box Qty	Each
21632	Blue	5	
21634	Black	5	
21636	Brown	5	
21638	Red	5	
21640	Green	5	
21642	Gold	5	

Padlocks Keyed Alike Each Color Is Keyed The Same

Cat No.	Color	Box Qty	Each
21652	Blue	5	
21654	Black	5	
21656	Brown	5	
21658	Red	5	
21660	Green	5	
21662	Gold	5	

Padlocks Keyed Different Accepts Master Key *Master Key Sold Separately

Cat No.	Color	Box Qty	Each
21672	Blue	5	
21674	Black	5	
21676	Brown	5	
21678	Red	5	
21680	Green	5	
21682	Gold	5	
21683	Master Key	1	

Lock Labels



- 3/4" x 4-7/16" vinyl labels with clear protective covers
- Labels are an easy way to identify employee's locks
- Permanent pressure-sensitive adhesive
- Write on labels with ballpoint marker pen or typewriter

Cat. No.	Color	Qty Per Pack	Per Pack
21582	Blue	10	
21584	Orange	10	
21586	Black	10	
21588	Green	10	
21590	Red	10	

Hasps



- Accepts padlocks up to 3/8" shackle diameter
- Manufactured from 12 gauge steel
- .060 malleable steel plate for maximum security
- Red plastic coating for visibility
- Multiple party lockouts with same device
- Solid Steel U Bolt

- Protection for electric, gas, water, steam, acid & pneumatic control units & levers
- Prevents engagement of circuit breaker boxes & disconnect switches
- Allow up to 6 workers to lock out a single energy source
- Superior resistance to rust and added dielectric strength

Cat No.	Size	Box Qty	Each
21694	1"	10	
21696	1 1/2"	10	



WIRE MANAGEMENT

Fire Stop Caulking Compound for Commercial & Residential



Intumescent Fire, Smoke & Draft Stop Sealant Fireblock

- ASTM E-84 0 Flame & 0 Smoke Certified
- ASTM E-136 Residential Use Certified
- ASTM E-814 Commercial Use Compatible
- Meet Fire/Draft/Smoke criteria for BOCA – CABO – UPC – SBCC/IRC
- Non-Combustible - does not burn
- For Commercial Building
- For Residential Building
- Tested at 3000°F for 8 hours
- Expands when heated
- 1 year shelf life
- Red Color
- Intumescent – expands up to 250 percent its original size
- Unaffected by freeze/thaw
- Water resistant
- Use for interior applications
- Zero VOC's
- Adhesion to almost any surface
- Non-Corrosive & Non-Combustible
- Non-Toxic Environmentally safe
- Odorless
- Water based, Paintable
- Easy gunability
- cULus listed

*Morris Fire Stop is
Fireproof
Other brands are only
Fire Retardant*

Cat No.	Description	Case Qty	Each Tube
67090	10.5 oz. Tube	12	
99982	29oz. Tube	12	
99984	1 Gallon pail	1	
99986	5 Gallon pail	1	

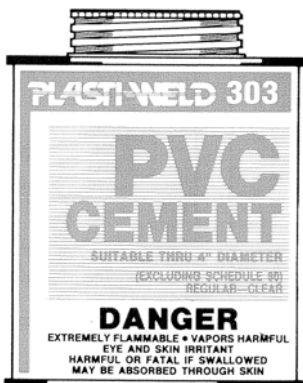
Silicone Sealant



- Seals electrical components & provides weather-tight closure for electrical boxes & exterior fixtures
- Acetic cure anti-fungus sealant suitable for construction & household repairs
- Exhibits an excellent sealing and adhesion to glass, tiles, ceramics, fiberglass, aluminum, non-oily wood, painted surfaces, plastic & other non-porous materials
- Protect & seal, waterproof & flexible indoors & outdoors
- Fills voids & irregularities. Not paintable
- 10.3oz Tubes
- RTV 100% Silicone, flexible from -60°F to 450°F, 20°F min dispensing temp.

Cat No.	Color	Case Qty	Each Tube
99912	Clear	12	
99916	White	12	
99914	Black	12	

PVC Solvent Cement & Primer



- Clear Regular Body up to 4" Schedule 40, fast curing speed
- Clear Medium Body up to 6" Schedule 80, medium curing speed
- Clear Cold Weather Medium Body up to 6" Schedule 80, medium curing speed
- Purple Primer suitable for all conduit sizes

Cat No.	Description	Size	Case Qty	Each
G30356S	Regular Body	1/2 Pint	24	
G30346S	Regular Body	Pint	24	
G30336S	Regular Body	Quart	12	
G40456S	Medium Body	1/2 Pint	24	
G40446S	Medium Body	Pint	24	
G40436S	Medium Body	Quart	12	
G2656S	Cold Weather Medium Body 0°F	1/2 Pint	24	
G2646S	Cold Weather Medium Body 0°F	Pint	24	
G2636S	Cold Weather Medium Body 0°F	Quart	12	
G90346S	Primer (Purple Color)	Pint	24	
G90336S	Primer (Purple Color)	Quart	12	



WIRE MANAGEMENT

Wire Pulling Lubricant - Wax Based



- Provides superior lubricity
- Creamy texture applies easily and uniformly
- Clings to cable throughout long pulls
- Will not separate after freezing 25°F (-4°C) or at temperatures up to 200°F (93°C)
- Environmentally safe, non-toxic, non-flammable and non-corrosive
- Easy clean up
- Suitable for use with wire or cable insulated with rubber (R, RH, ETC.), neoprene, nylon, and PVC plastics (T, TW, THW, THHN, ETC.), high density polyethylene and cross linked polyethylene (XLP)
- It is not recommended for use on asbestos or low density

Cat No.	Size	Case Qty	Each
99920	Quart	12	
99922	Gallon	4	
99924	5 Gallon	1	

Power Glide Wire Pulling Lubricant - Water Based Gel



- Exceptional Lubricity for long, fast and high-temperature cable pulls
- Compatible with all Cable types - fiber optic, datacom, & electrical
- Non-corrosive, non-hazardous & non-flammable
- Apply by hand, brush or pump - easily diluted with water for custom applications in the field
- Human & environmentally safe - no gloves or eye protection needed, released no harmful fumes or gases, not derived from petroleum, safe around kids & pets, non-toxic, non-staining, hypoallergenic
- Reconstitutes with water - will not clog or attract dirt, makes later removal easy
- Cleans up fast with water, clear & odorless
- Does not stain clothes or solidify in conduit

Cat No.	Size	Case Qty	Each
99930	Quart	12	
99932	Gallon	4	
99934	5 Gallon	1	

Anti-Oxidant



- For AL/AL and AL/CU wire connections and aluminum conduit joints
- For use with all types of pressure type wire connectors including screw-on, tap, service entrance and split bolt
- Carrier material excludes air to prevent further oxidation
- Reduces galling and seizing
- Promotes good ground continuity through the joint
- Improves efficiency & service life of aluminum electrical applications
- Temperature range: -40°F to 302°F (-40°C to 150°C)
- Voltage: 600v
- Provides additional inter-strand and inter-conductor current paths for improved conductivity and cooler connections
- Suspended zinc particles penetrate and cut aluminum oxide

Cat No.	Size	Case Qty	Each
99901	1 ounces	1	
99904	4 ounces	12	
99908	8 ounces	12	

Barricade Tape



- CAUTION CAUTION CAUTION Legend
- Made of long lasting, non-adhesive, reusable 3 mil polyethylene
- Exceptional quality, durability and performance
- Used above ground to mark off hazards
- Continuous repeat of warning
- Meets OSHA 1910.144 for physical hazards

Cat No.	Legend	Size	Color	Box Qty	Each
69002	Caution Caution Caution	3" X 200'	Yellow	8	
69000	Caution Caution Caution	3" X 1000'	Yellow	8	

Underground Tape



- 4 Mil Non adhesive polyethylene
- Continuous repeat of warning
- Protects buried utility lines
- Should be installed 12" to 18" below ground level and 12" above pipes and conduits before backfilling
- Formulated to resist degradation from acid and alkali found in soils

Cat No.	Legend	Size	Color	Box Qty	Each
69008	Caution Buried Electric Line Below	3" X 300'	Red	16	
69010	Caution Buried Electric Line Below	3" X 1000'	Red	8	
69011	Caution Buried Electrical Line Below	3" X 1000'	Yellow	8	
69012	Caution Buried Telephone Line Below	3" X 1000'	Orange	8	
69016	Caution Buried Fiber Optic Line Below	3" X 1000'	Orange	8	
69020	Caution Buried Electric Line Below	6" X 1000'	Red	4	
69021	Caution Buried Electrical Line Below	6" X 1000'	Yellow	4	

Detectable Tape



- CAUTION BURIED ELECTRIC LINE BELOW Legend
- 5 Mil Silver foil
- Continuous repeat of warning
- Easily located with any common metal detector
- For use before you dig
- Its highly visible colors make it easy to locate after dig has begun
- Formulated to resist degradation from acid and alkali found in soils

Cat No.	Legend	Size	Color	Box Qty	Each
69030	Caution Buried Electric Line Below	3" X 1000'	Red	4	
69040	Caution Buried Electric Line Below	6" X 1000'	Red	2	

Self Fusing Amalgamating Tape (Silicone Rubber Tape)



- A silicone rubber tape with self bonding properties
- Molds & conforms to irregular shapes
- Ideal for covering cable lugs, splices, terminations, busbars, bare conductors, & telecommunication cable joints
- Excellent for moisture sealing in electrical, industrial & marine applications
- Easy to apply, simply cut off length required & remove form backing, then wrap over your item covering half the tape at a time, sticks to itself
- Forms a permanent bond in 24 hours

Cat No.	Description	Length	Width	Height	Each
60230	Amalgamating Tape	16.5 Ft	1.5"	.04"	

Vinyl Plastic Electrical Tape



- 3/4" X 60 Ft X 7 Mil
- High dielectric strength, high adhesion and shear
- Resistant to acids, alkalis, chemicals, oils, moisture and corrosion
- Withstands 1,200 V/MILS



Cat No.	Color	Sleeve Qty	Box Qty	Each
60000	Black	10	350	
60010	Red	10	350	
60020	White	10	350	
60030	Yellow	10	350	
60040	Green	10	350	
60050	Blue	10	350	
60060	Brown	10	350	
60070	Orange	10	350	
60080	Gray	10	350	
60090	Purple	10	350	

Premium Grade Electrical Tape



- Flame retardant
- Cold Weather Resistant
- High dielectric strength, high adhesion and shear
- Resistant to acids, alkalis, chemicals, oils, moisture and corrosion
- Withstands 1,200 V/MILS
- Temperature Range 0°F to 176°F (-18°C to 80°C)



Cat No.	Color	Size	Sleeve Qty	Box Qty	Each
60200	Black	3/4" X 60 Ft X 8.5 Mil	10	200	
60202	Black	2" x 60 Ft x 8.5 Mil	1	100	

Friction Tape



- Cloth construction offering good mechanical protection against abrasion and penetration of cable, splices and wire & used as temporary & binding tape
- Adhesive compound on both sides
- Overwrap electrical connections
- 1000v minimum dielectric strength
- Meets ASTM-D69, .014" thickness

Cat No.	Color	Size	Box Qty	Each
60210	Black	3/4" X 60 Ft	100	
60212	Black	2" X 60 Ft	25	

Rubber Splicing Tape



- Self fusing with liner
- High quality unvulcanized rubber that will bond quickly to itself to form a solid mass of water-tight protection for electrical wires
- Primary insulation for electrical wires and cables splices of not more than 600v
- Flexible to withstand expansion and contraction
- High resistance to salt water, steam, oils, detergents, and other chemicals make it an ideal tape for pipe repair, automotive, marine, construction, etc.
- Dielectric strength 490 volts per mil, for use up to 176°F (80°C)

Cat No.	Color	Size	Box Qty	Each
60220	Blue	3/4" x 22 Ft x 30 Mil	100	
60222	Blue	2" x 22 Ft x 30 Mil	50	

Thin Wall Heat Shrink Tubing



- Used for electrical insulation, wire harness, bundling, splices & terminations
- Flexible polyolefin tubing
- 2:1 Shrink ratio
- Rated for 600Volt 257°F (125°C) continuous operation
- Forms tough, smooth insulated covering resistant to common fluids and solvents
- Black color

Cat No.	Length	Diameter Before Shrinking	Diameter After Shrinking	Bag Qty	Each Piece
68030	6"	.078"	.029"	50	
68032	6"	.098"	.039"	50	
68034	6"	.137"	.059"	50	
68036	6"	.211"	.098"	10	
68038	6"	.250"	.117"	10	
68040	6"	.367"	.176"	10	
68042	6"	.484"	.234"	10	
68044	6"	.827"	.390"	10	
Rolls					
68050	660 Ft	.078"	.029"	1 Roll	
68052	660 Ft	.098"	.039"	1 Roll	
68054	660 Ft	.137"	.059"	1 Roll	
68056	330 Ft	.211"	.098"	1 Roll	
68058	330 Ft	.250"	.117"	1 Roll	
68060	165 Ft	.367"	.176"	1 Roll	
68062	165 Ft	.484"	.234"	1 Roll	
68064	165 Ft	.827"	.390"	1 Roll	

Heavy Wall Heat Shrink Tubing - Flame Retardant



- Wide shrinkage allows various shapes & contours to be accommodated with one size tubing
- Insulates & protects electrical splices & terminations where maximum flame retardancy & exceptional insulating & sealing characteristics are required

- High impact and abrasion resistance capable of withstanding severe mechanical abuse of U.R.D., submersible and direct burial installations
- Will not split or rupture during installation, even when overheated
- Thermoplastic melttable adhesive sealant liner provides complete environmental protection and insulation
- Flame retardant
- Meets: UL 486D, CSA C22.2 No. 198.2, ANSI C119.1, Western Underground Guides Nos. 2.4, 2.5, MIL-DTL-23053/15, IEEE 383 Vertical Flame Test, ANSI C37.20.2, ICEA S-19-8 and NEMA insulation thickness requirements
- Rated for 600-1000V, 194°F (90°C) continuous use
- Continuous operating temperature: -67°F to 230°F (-55°C to 110°C)
- Shrink temperature: 248°F (120°C)
- Black color

Cat No.	Cable Range	Length	Diameter Before Shrinking	Diameter After Shrinking	Wall Thickness	Bag Qty	Each Piece
68004	12-6 AWG	6"	.400"	.150"	.09"	10	
68008	8-1/0 AWG	6"	.750"	.220"	.09"	10	
68011	2-4/0 AWG	8"	1.100"	.375"	.12"	5	
68015	3/0-400MCM	8"	1.500"	.500"	.16"	4	
68020	250-750MCM	12"	2.000"	.750"	.16"	1	
48" Lengths							
68022	12-6 AWG	48"	.400"	.150"	.09"	1	
68023	8-1/0 AWG	48"	.750"	.220"	.09"	1	
68024	2-4/0 AWG	48"	1.100"	.375"	.12"	1	
68025	3/0-400MCM	48"	1.500"	.500"	.16"	1	
68026	250-750MCM	48"	2.000"	.750"	.16"	1	



WIRE MANAGEMENT

Medium Wall Heat Shrink Tubing



- Suitable for a variety of low voltage electrical and mechanical applications, where lighter weight and greater flexibility are important
- Seals and protects cable splices and terminations
- High resistance to impact and abrasion
- 4' Lengths have Thermoplastic Adhesive Liner for complete environmental protection and insulation
- Continuous operating temperature: -67°F to 230°F (-55°C to 110°C)
- Shrink temperature: 248°F (120°C)
- Rated for 600-2500V
- UL486D
- Black Color

Cat No.	Cable Range	Length	Diameter Before Shrinking	Diameter After Shrinking	Wall Thickness	Each Piece
68112	12-6 AWG	4'	.40"	.15"	.080"	
68114	8-1/0 AWG	4'	.75"	.22"	.080"	
68116	2-4/0 AWG	4'	1.10"	.40"	.080"	
68118		4'	1.30"	.40"	.080"	
68120	3/0-400MCM	4'	1.50"	.50"	.080"	
68122		4'	1.70"	.50"	.080"	
68124	250-750MCM	4'	2.05"	.75"	.080"	
68126		4'	2.75"	1.00"	.080"	
68128	800-1250MCM	4'	3.50"	1.18"	.095"	
68130	1500-2500MCM	4'	4.70"	1.57"	.105"	
68132		4'	6.70"	2.30"	.110"	
Rolls						
68142	12-6	50'	.40"	.15"	.080"	
68144	8-1/0	25'	.75"	.22"	.080"	
68146	2-4/0	25'	1.10"	.40"	.080"	
68148	3/0-400	50'	1.30"	.40"	.080"	
68150		50'	1.50"	.50"	.080"	
68152	250-750	25'	1.70"	.50"	.080"	
68154	800-1250	25'	3.50"	1.18"	.095"	
68156	1500-2500	50'	4.70"	1.57"	.105"	
68158		25'	6.70"	2.30"	.110"	

Heavy Wall Heat Shrink Tubing



- Provides maximum reliability for insulating and protection of cable joints and terminations
- Withstands severe mechanical requirements of U.R.D., submersible and direct burial installations
- High impact, abrasion, corrosion and chemical resistance
- Rated for 600-2500V, 90°C continuous use
- 4' Lengths have Thermoplastic Adhesive Liner provides complete environmental protection and insulation
- Meets: UL 486D, CSA C22.2 No. 198.2, ANSI C119.1, Western Underground Guide Numbers 2.4, 2.5, ICEA and NEMA insulation thickness requirements
- Continuous operating temperature: -67°F to 230°F (-55°C to 110°C)
- Shrink temperature: 248°F (120°C)
- Heavy Wall holds better mechanically & has better underground protection than medium wall
- Black color

Cat No.	Cable Range	Length	Diameter Before Shrinking	Diameter After Shrinking	Wall Thickness	Each Piece
68162	#14-#10	4'	0.35"	0.12"	.07"	
68164	#8-#6	4'	0.51"	0.16"	.09"	
68166	#6-#2	4'	0.75"	0.24"	.09"	
68168	#1-#3/0	4'	1.10"	0.35"	.12"	
68170	2/0-350	4'	1.50"	0.47"	.16"	
68172	250-500	4'	2.00"	0.63"	.16"	
68174	600-1000	4'	2.70"	0.87"	.16"	
68176	800-1250	4'	3.54"	1.18"	.16"	
68178	1500-2500	4'	4.72"	1.57"	.17"	
Rolls						
68182	#14-#10	25'	0.35"	0.12"	.07"	
68186	#6-#2	25'	0.75"	0.24"	.09"	
68188	#1-#3/0	25'	1.10"	0.35"	.12"	
68190	2/0-350	25'	1.50"	0.47"	.16"	
68192	250-500	25'	2.00"	0.63"	.16"	
68194	600-1000	25'	2.70"	0.87"	.16"	
68196	800-1250	25'	3.54"	1.18"	.16"	
68198	1500-2500	25'	4.72"	1.57"	.17"	

Heat Shrink End Caps



- Simple & effective method for sealing cable ends, pipe, conduit or similar items
- Superior resistance to weathering, moisture contamination, adverse environmental conditions & common fluid solvents
- Adhesive liner provides complete environmental protection and insulation
- Heat indicating lines
- Valved end cap available for pressurized applications
- Continuous operating temperature from -67°F to 230°F (-55°C to 110°C)
- Rated from 600/1,000V 194°F (90°C) continuous use
- UL486D, Shrink temperature of 248°F (120°C)
- Black Color

Cat No.	Cable Range	Length	Diameter Before Shrinking	Diameter After Shrinking	Wall Thickness	Each
68232	2-4/0	3.5	.75"	.22"	.08"	
68234	300-1000MCM	4.0	1.30"	.40"	.08"	
68236	500-1500MCM	4.5	1.50"	.50"	.08"	
68238	900-2500MCM	4.5	2.05"	.75"	.08"	
68240	2000-2500MCM	5.0	2.75"	1.00"	.08"	

Heat Shrink Cable Repair Sleeve



- Recommended for above ground use
- A superior wraparound insulation product that easily installs in repair and splice applications providing excellent insulation and protection for cable jackets
- Shut down of system not required for repair
- High shrink ratio covers even irregular shapes
- Better split resistance than competitive products
- Simple RAIL-LESS installation with clamshell design
- Thermoplastic Adhesive Liner provides complete environmental protection and insulation
- Meets ICEA and NEMA insulation thickness specification
- Continuous operating temperature: -67°F to 230°F (-55°C to 110°C)
- Shrink temperature: 248°F (120°C)

Cat No.	Cable Range	Length	Diameter Before Shrinking	Diameter After Shrinking	Wall Thickness	Each Piece
68212	8-3/0	36"	1.20"	0.24"	.08"	
68214	2/0-400	36"	1.80"	0.60"	.08"	
68216	400-1000	36"	2.70"	0.95"	.08"	
68218	1000-2000	36"	3.60"	1.30"	.08"	
68220	Multiple Conductor	36"	4.95"	1.65"	.08"	
68222	Multiple Conductor	36"	6.75"	2.50"	.08"	

Heat Gun



- Specially designed for Heat Shrink Tubing
- Retractable Fixing Wings to Steady on Table or Ground
- Thermostat Protection
- 6 Foot Cord
- 2 Heat Settings - Hi: 1120°F, Lo: 850°F
- 125V, 1500W



Cat No.	Each
54690	

UF Direct Burial Splice Kits



- Labor savings - simplifies splicing UF cable by obsolescing messy multi part splicing kits
- 600 Volt maximum 221°F (105°C) rating
- Provides a reliable, moisture proof electrical connection for UF cable
- 14/3 or 12/3 minimum to 8/3 maximum
- Seal with heat gun or torch
- Kit comes complete with one 4-position brass connector and one 8" piece of water impervious adhesive/sealant heat shrink tubing
- UL486D Listed "Submersible" & Raintight"

Cat No.	Description	Per Kit
67000	14-8 AWG UF Direct Burial Splice Kit	

UF Direct Burial Stretcher Kits



- Eliminates the need for using two connectors and a short piece of cable when repairing damaged UF cable
- 600 Volt maximum 221°F (105°C) rating
- Provides a reliable, moisture proof electrical connection for UF cable
- 14/3 or 12/3 minimum to 8/3 maximum
- Seal with heat gun or torch
- Kit comes complete with 11-1/2" connector and one 20" piece of water impervious adhesive/sealant heat shrink tubing
- UL486D Listed "Submersible" & Raintight"

Cat No.	Description	Per Kit
67001	14-8 AWG UF Direct Burial Stretcher Splice Kit	

Dual Rated Splice Kits



- Eliminates expensive crimping tools when splicing aluminum or copper conductors for Direct Burial
- Kit comes complete with one mechanical connector and one piece of heat shrink tubing
- Popular splicing applications would be for repair and/or extending type USE cable
- Seal with heat gun or torch
- UL Listed Components
- 600 Volt maximum 221°F (105°C) rating

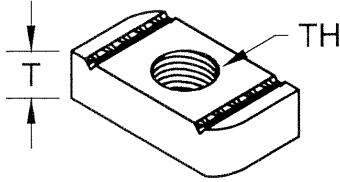
Cat No.	Figure	Description	Per Kit
67002	1	8-2 AWG Dual Rated Butt Splice	
67004	1	6-1/0 AWG Dual Rated Butt Splice	
67005	1	1/0-250MCM AWG Dual Rated Butt Splice	
67006	2	1/0-250MCM AWG Dual Rated Butt Splice	



WIRE MANAGEMENT

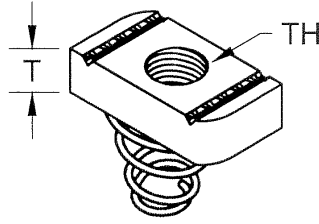
Channel Nut No Spring

For all channel sizes
(17404 can't be used with 13/16" & 1" channel)
Zinc Electroplate Finish



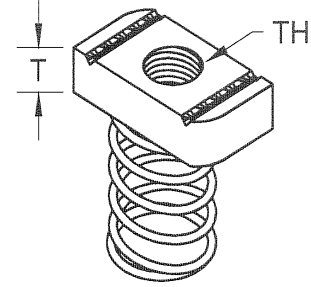
Channel Nut Short Spring

For 13/16" & 1" channel
Zinc Electroplate Finish



Channel Nut Regular Spring

For 1-3/8" & 1-5/8" channel
Zinc Electroplate Finish



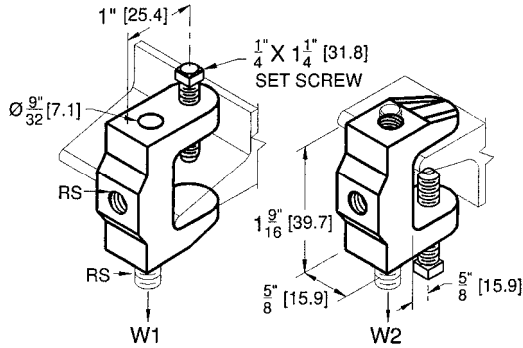
Cat No.	TH	T	Box Qty	Each
17400	1/4"-20	.25"	100	
17402	3/8"-16	.37"	100	
17404	1/2"-13	.50"	100	

Cat No.	TH	T	Box Qty	Each
17412	1/4"-20	.25"	100	
17420	3/8"-16	.37"	100	

Cat No.	TH	T	Box Qty	Each
17430	1/4"-20	.25"	100	
17438	3/8"-16	.37"	100	
17442	1/2"-13	.50"	100	

Malleable Iron Universal Beam Clamp

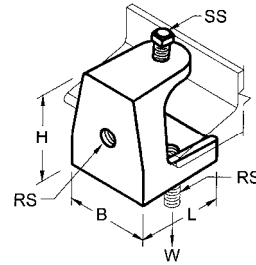
Maximum flange thickness of 5/8"
The threaded hole on the back side of the clamp is not load rated
Zinc Electroplate Finish



Cat No.	Rod Size (RS)	Max Load (W1)	Max Load (W2)	Box Qty	Each
17486	1/4"-20	100 lbs.	250 lbs.	100	

Malleable Iron Rod Support Beam Clamp

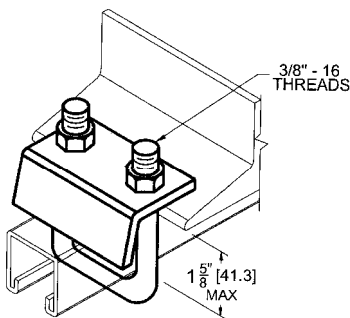
Maximum flange thickness of 1/2"
Zinc Electroplate Finish



Cat No.	Rod Size (RS)	Set Screw Size	Max Load (W)	B	L	H	Box Qty	Each
17472	1/4"-20	5/16"-18	335 lbs.	1.18"	1.38"	1.38"	100	
17474	3/8"-16	1/2"-13	525 lbs.	2.06"	1.87"	1.75"	50	
17476	1/2"-13	1/2"-13	750 lbs.	2.50"	2.37"	2.18"	25	

Strut to Beam Clamp with Square U-Bolt

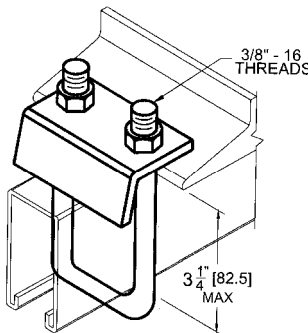
For 13/16" & 1-5/8" Channel
Design load 1200lbs. when used in pairs
Zinc Electroplate Finish



Cat No.	Box Qty	Each
17462	25	

Strut to Beam Clamp with Square U-Bolt

For 2-7/16" & 3-1/4" Channel
Design load 1200lbs. when used in pairs
Zinc Electroplate Finish



Cat No.	Box Qty	Each
17464	25	

Beam Clamp Torque Values

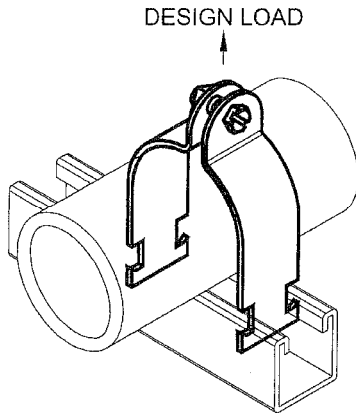
For beam clamps or other applications the following torque values from Manufacturer's Standardization Society (MSS) SP-69 are recommended unless otherwise specified.

Thread Size	Torque		
	In. lb.	ft. lb.	Nm
1/4"	40	3.3	4.5
3/8"	60	5.0	6.8
1/2"	125	10.4	14.1



WIRE MANAGEMENT

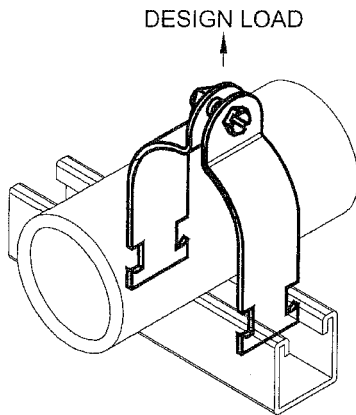
Rigid Strut Clamp



Zinc Electroplate Finish

Cat No.	Pipe Size (Inch)	O.D. (Inch)	Design Load (lbs)	Box Qty	Each
17514	1/2"	0.840"	400	100	
17515	3/4"	1.050"	600	100	
17516	1"	1.315"	600	100	
17517	1-1/4"	1.660"	600	50	
17518	1-1/2"	1.900"	800	50	
17519	2"	2.375"	800	50	
17520	2-1/2"	2.875"	800	50	
17521	3"	3.500"	800	25	
17522	3-1/2"	4.000"	1000	25	
17523	4"	4.500"	1000	25	
17524	5"	5.562"	1000	25	
17525	6"	6.625"	1000	25	
17526	8"	8.625"	1000	25	

Universal Strut Clamp

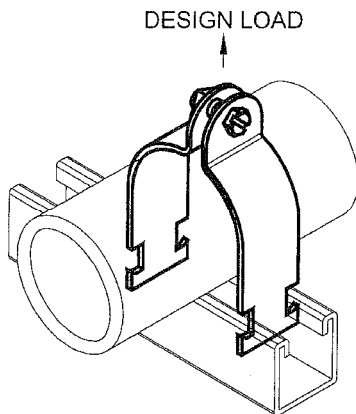


These clamps are designed to fit both pipe (rigid conduit) and thin walled tubing (EMT) in the corresponding sizes

Zinc Electroplate Finish

Cat No.	Pipe Size (Inch)	O.D. (Inch)	Design Load (lbs)	Box Qty	Each
17532	1/2"	0.773"	400	100	
17533	3/4"	0.986"	600	100	
17534	1"	1.239"	600	100	
17535	1-1/4"	1.585"	600	50	
17536	1-1/2"	1.820"	800	50	
17537	2"	2.286"	800	50	

EMT Strut Clamp



Zinc Electroplate Finish

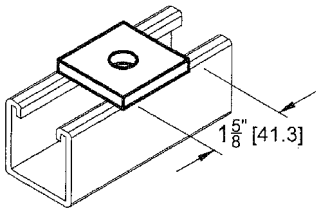
Cat No.	Pipe Size (Inch)	O.D. (Inch)	Design Load (lbs)	Box Qty	Each
17542	1/2"	0.706"	400	100	
17543	3/4"	0.922"	400	100	
17544	1"	1.163"	600	100	
17545	1-1/4"	1.510"	600	50	
17546	1-1/2"	1.740"	800	50	
17547	2"	2.197"	800	50	



WIRE MANAGEMENT

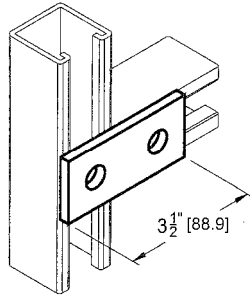
Steel has Zinc Electroplate Finish 1-5/8" wide x 1/4" thick. Holes are 9/16" diameter, 13/16" center to edge on 1-7/16" centers

Square Washer



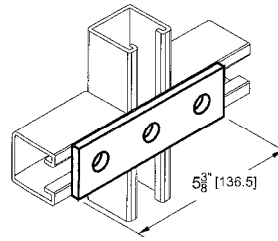
Cat No.	Bolt Size	Hole Size	Box Qty	Each
17612	1/4"	5/16"	100	
17616	3/8"	7/16"	100	
17618	1/2"	9/16"	100	

2 Hole Splice Plate



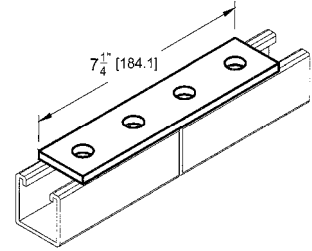
Cat No.	Box Qty	Each
17622	50	

3 Hole Splice Plate



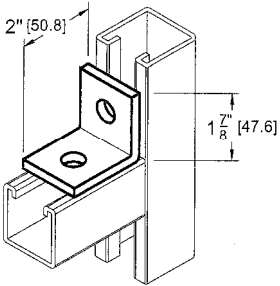
Cat No.	Box Qty	Each
17624	25	

4 Hole Splice Plate



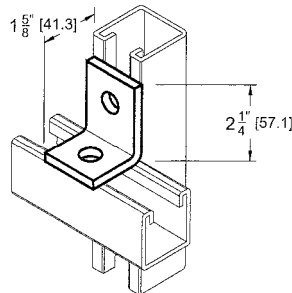
Cat No.	Box Qty	Each
17626	25	

2 Hole Corner Angle



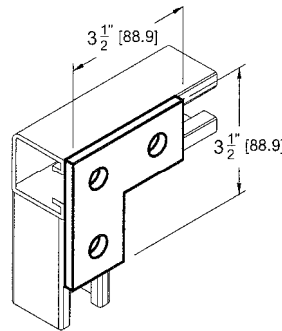
Cat No.	Box Qty	Each
17628	50	

2 Hole Cross Corner Angle



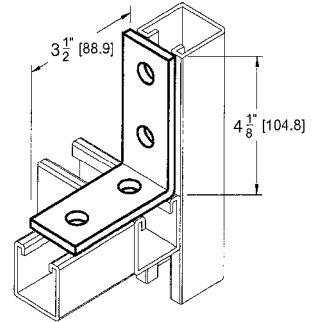
Cat No.	Box Qty	Each
17630	50	

3 Hole Corner Plate



Cat No.	Box Qty	Each
17632	25	

4 Hole 3 Way Corner Angle



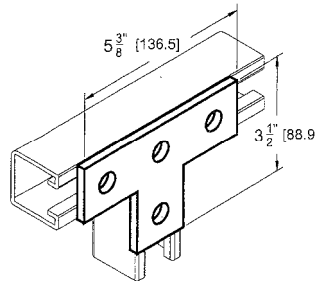
Cat No.	Box Qty	Each
17634	25	

Strut Fitting Torque Values

The following are the torque values used for determining the load ratings of fittings when attached to channel framing as specified in the Metal Framing Manufacturers Association (MFMA) Standard #2.

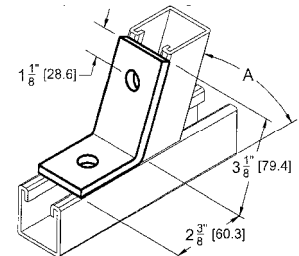
Thread Size	Torque		
	In. lb.	ft. lb.	Nm
1/4"	72	6	8.1
3/8"	228	19	25.8
1/2"	600	50	67.8

4 Hole Tee Plate



Cat No.	Box Qty	Each
17636	20	

2 Hole Open 45° Corner Angle



Cat No.	Box Qty	Each
17638	25	

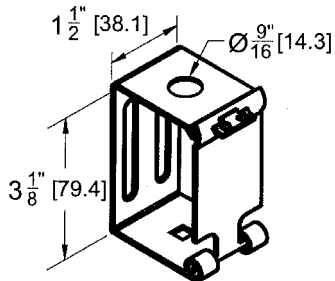


WIRE MANAGEMENT

Hinged Fluorescent Fixture Hanger 1-5/8" Channel 9/16" Hole

May be used as a channel hanger
(1/4" x 3/4" Carriage Bolt w/ 1/4" Wing nut required)

Maximum loading 120 lbs.
Zinc Electroplate Finish

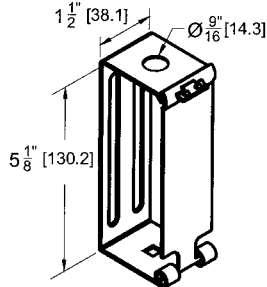


Cat No.	Box Qty	Each
17652	20	

Hinged Fluorescent Fixture Hanger 3-1/4" Channel 9/16" Hole

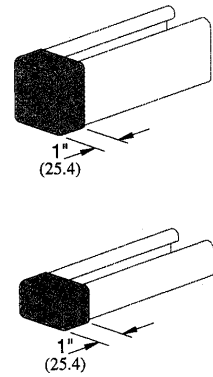
May be used as a channel hanger
(1/4" x 3/4" Carriage Bolt w/ 1/4" Wing nut required)

Maximum loading 120 lbs.
Zinc Electroplate Finish



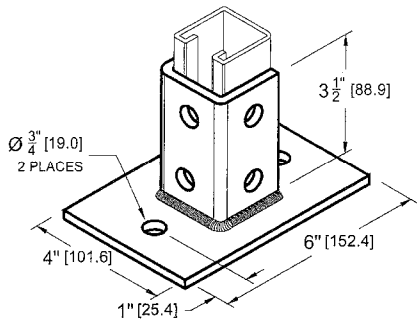
Cat No.	Box Qty	Each
17654	10	

Plastic White End Caps



Cat No.	Channel Used with	Box Qty	Each
17682	13/16"	100	
17684	1-5/8"	100	

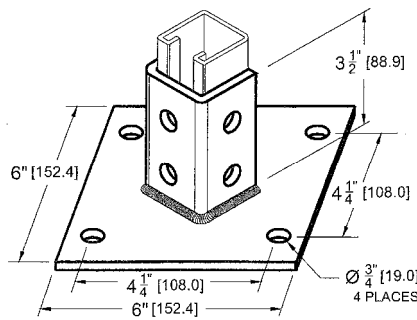
Post Base Single Channel 2 Hole Standard 3-1/2"



Zinc Electroplate Finish

Cat No.	Box Qty	Each
17450	5	

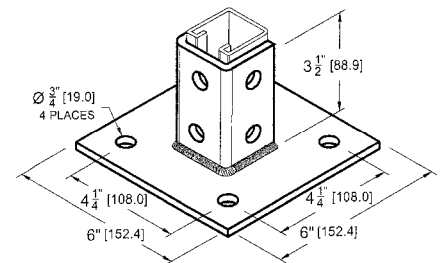
Post Base Single Channel 4 Hole Standard 3-1/2"



Zinc Electroplate Finish

Cat No.	Box Qty	Each
17452	5	

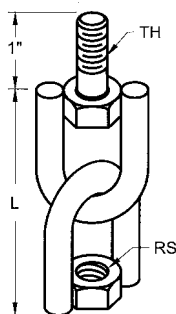
Post Base Single Channel 4 Hole Square 3-1/2"



Zinc Electroplate Finish

Cat No.	Box Qty	Each
17454	5	

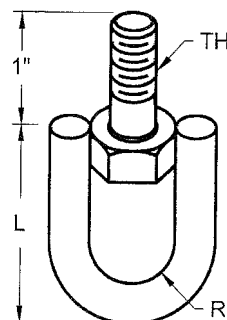
Swivel Male - Female



Zinc Electroplate Finish

Cat No.	RS	TH	L	Design Load	Box Qty	Ea
17666	3/8"-16	3/8"-16	2-3/4"	620 lbs	50	
17668	1/2"-13	1/2"-13	3"	1150 lbs	50	

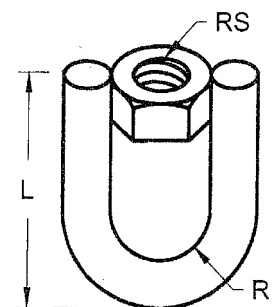
Swivel Male



Zinc Electroplate Finish

Cat No.	RS	L	R	Design Load	Box Qty	Ea
17670	3/8"-16	1-3/4"	1/4"	620 lbs	50	
17672	1/2"-13	2"	3/8"	1150 lbs	50	

Swivel Female



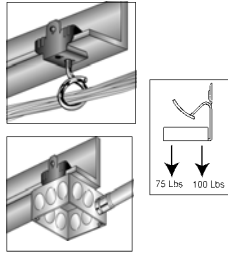
Zinc Electroplate Finish

Cat No.	RS	L	R	Design Load	Box Qty
17662	3/8"-16	1-3/4"	1/4"	620 lbs	50
17664	1/2"-13	2"	3/8"	1150 lbs	50



WIRE MANAGEMENT

Spring Steel Beam Clamps

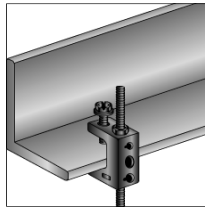
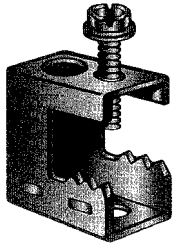


- Can be used to suspend boxes, fixtures & bridle rings to beam flanges 1/8" to 3/4" thick
- Ultimate Static Load Limit: - 75 or 100 lbs. (see illustration)
- NOTE: Static load limits cannot be combined



Cat No.	Flange Thickness	Box Qty	Each
18012	1/8"-1/4"	100	
18014	5/16"-1/2"	100	

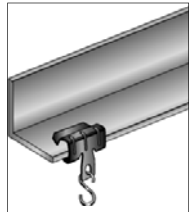
Spring Steel Beam Clampss



- Fast installation; fits beam flange to 1/2"
- Used with 1/4" and 3/8" threaded rod, "S" hooks, conduit hangers, electrical boxes, and #10-24 or 1/4"-20 bridle rings
- Static Load Capacity: 100 lbs.
- Tapping 1/4"-20 bottom & back
- Also #10-24 tapping on back

Cat No.	Flange Thickness	Drop Rod	Box Qty	Each
18016	Up to 1/2" thick	1/4"-3/8"	100	

Spring Steel Flange Beam Clamps

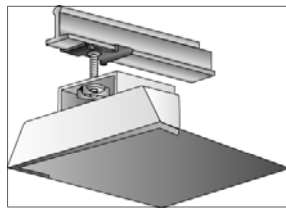


- Installed with hammer on bulb tees and beams
- Static Load Capacity of 200 lbs
- Clearance for 1/4" bolt in tab



Cat No.	Flange Thickness	Box Qty	Each
18018	1/8"-1/4"	100	
18020	5/16"-1/2"	100	

Spring Steel Twist On T-Bar Hanger

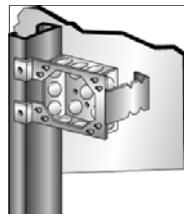
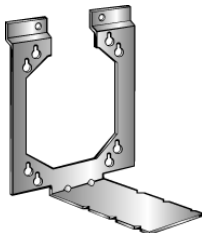


- Supports electrical fixtures to T-Bar 15/16" wide
- Assembled with 1" OD wing nut washer
- 1/4"-20 stud 5/8" long with wing nut washer



Cat No.	Box Qty	Each
18022	100	

Box Stabilizer Support

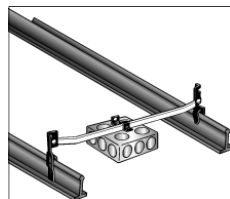
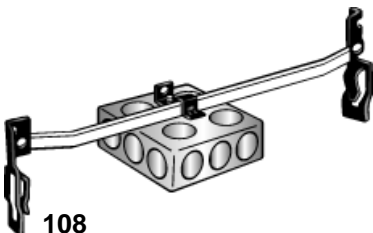


- Box Support for 2-1/2", 3-1/2" & 4" wood or metal studs
- Screw attached support for electrical boxes
- Made from pre-galvanized steel



Cat No.	Box Qty	Each
18052	100	

Box To T-Bar Fastener



- Snap-on 24" span box hanger with dual height adjustment allows flush or 3/4" offset mount
- 1 BBC mounting clip with screw included
- Zinc plated steel with spring steel hardware included

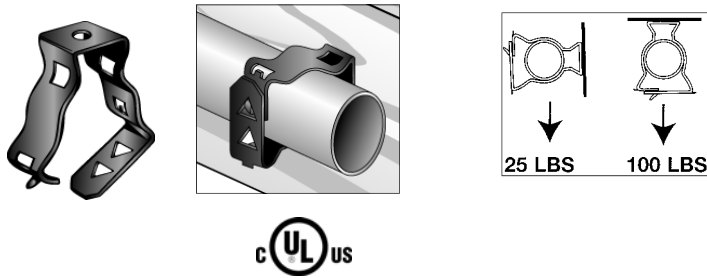


Cat No.	Box Qty	Each
18054	100	



WIRE MANAGEMENT

Spring Steel Conduit Clips

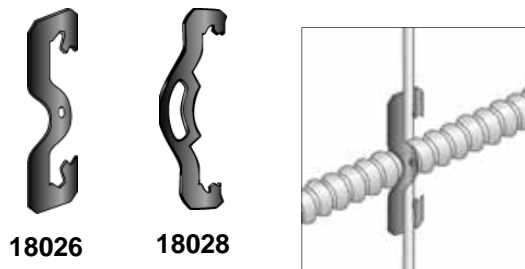


- No fastener required
- Ultimate Static Load Limit:
100 lbs. vertical position
25 lbs. horizontal position

Cat No.	Fits Conduit	Box Qty	Each
18024	1/2", 3/4"	100	



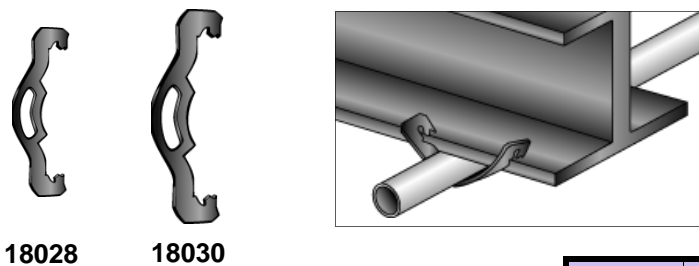
Spring Steel Cable Clips



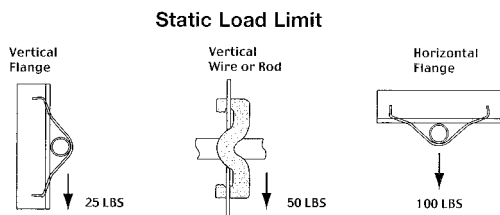
- Clip for MC, AC, or BX. Supports cable from #12 to #8 wire in horizontal or vertical position. OD's from .433 to .535
- NOTE: These products are designed for positioning only. No load rating
- #18028 cULus Listed

Cable Size	Cat No. for #12 Wire	Cat No. for #10 Wire	Cat No. for #8 & #9 Wire	Box Qty	Each
14-2 Cable	18026	18026	18026	100	
14-3 Cable	18026	18026	18026	100	
12-2 Cable	18026	18026	18026	100	
12-3 Cable	18026	18028	18028	100	

Spring Steel Conduit Fast Support Clips



- Supports conduit & all types of cable from rods or flanges

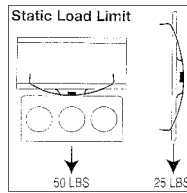
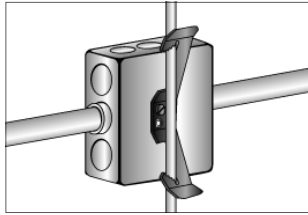


Conduit Size	Cat No. for #10 & #12 Wire	Cat No. for #8 & #9 Wire	3/16" to 1/4" Rod	Box Qty	Each
1/2" EMT	18028	18028	18028	100	
1/2" RIGID	18028	18030	18030	100	
3/4" EMT	18030	18030	18030	100	
3/4" RIGID	18030	18030		100	

Conduit Size	Cat No. for 1/8"-1/4" Flange	Cat No. for 3/16"-3/8" Flange	Cat No. for 5/16"-3/8" Flange	Box Qty	Each
1/2" EMT	18028	18030	18030	100	
1/2" RIGID	18030	18030		100	
3/4" EMT	18030			100	

WIRE MANAGEMENT

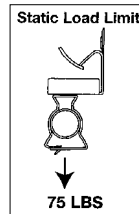
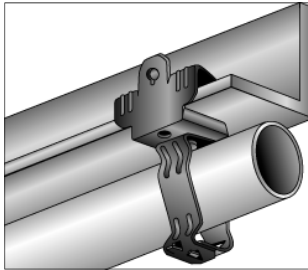
Spring Steel Multi-Function Clip



- Attaches conduit or boxes to flanges, wire or rod
- Fits 1/8" to 3/8" flanges
- Attaches to #12 wire through 3/8" rod
- Attaches #10-24 or 1/4"-20 Threaded Bridle Rings (position only)

Cat No.	Box Qty	Each
18048	100	

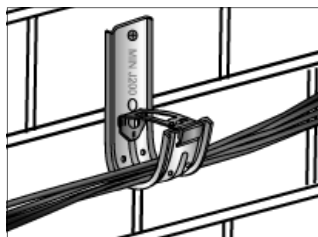
Spring Steel Flange Mount Conduit Clip Assembly



- Suspends conduit from bottom of beam
- Will pivot 360 degrees
- Installs with hammer only
- Ultimate Static Load Limit: 75 lbs.
- Bottom Mount

Cat No.	Flange Fits	Conduit	Box Qty	Each
18050	1/8"-1/4"	1/2" & 3/4"	100	

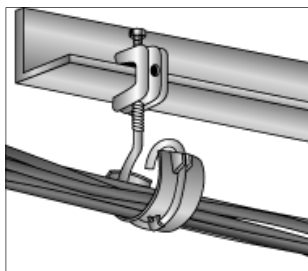
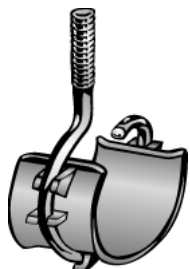
Cable Support J Hooks



- Cost effective alternative to expensive cable tray
- Accommodates Category 5, fiber-optic and Interduct
- Wide base support provides support without stress to sensitive voice/data cables
- Continuous wide-base radius supports natural curve of cable, eliminating kinking, bending and crimping
- Cable wire retainer is supplied with every part
- Unique design eliminates the need for attachment plate when stacking
- Can be attached to a wide variety of structures using beam clamps, clips and many other components

Cat No.	Description	Box Qty	Each
18056	2" J Hook	50	

Cable Support Bridle Rings



- Cost effective alternative to expensive cable tray
- Wide surface saddle provides support without stress for Category 5, fiber-optic, and other sensitive voice/datacom cables
- Mechanical Thread

Cat No.	Saddle Ass'y Description	Box Qty	Each
18058	2" Bridle Ring w/Saddle	50	
18060	4" Bridle Ring w/Saddle	50	

Toggle Switches

- Steel mounting strap, zinc-plated for corrosion resistance
- Washer-type break-off plaster ear for best flush alignment
- Captive mounting screws
- Back and side wiring for easy installation
- Large head combination screws for quick wiring
- Easy-access green hex head ground screw
- Copper Only
- UL listed



**Toggle Switch
15A 120/277V
back & side wire**

Cat No.	Color	Box Qty	Case Qty	Each
Single Pole				
82010	Ivory	10	200	
82011	White	10	200	
82012	Brown	10	200	
82013	Almond	10	200	
3 Way				
82030	Ivory	10	200	
82031	White	10	200	
82032	Brown	10	200	
82033	Almond	10	200	



**Commercial
Single Pole
Toggle Switch
20A, 120/277V
back & side wire**

Cat No.	Color	Box Qty	Case Qty	Each
82020	Ivory	10	200	
82021	White	10	200	



**4-Way Toggle Switch
15A 120/277V
back & side wire**

Cat No.	Color	Box Qty	Case Qty	Each
82040	Ivory	10	200	
82041	White	10	200	



**Lighted
Clear Toggle
Quiet Switch
15A, 120V
back & side wire**

Switch is lit when turned off

Cat No.	Type	Box Qty	Case Qty	Ea
82045	Single Pole	10	200	
82046	3 Way	10	200	



**Single Pole
Toggle Switch
Without Ears
15A, 120V
back & side wire**

Cat No.	Color	Box Qty	Case Qty	Each
82048	Black	10	200	



**Decorator Switch
15A, 120/277V
back & side wire**

Cat No.	Color	Box Qty	Case Qty	Each
Single Pole				
82050	Ivory	10	200	
82051	White	10	200	
82052	Brown	10	200	
82053	Almond	10	200	
Single Pole Lighted (glow when off)				
82285	Ivory	10	200	
82286	White	10	200	
3 Way				
82060	Ivory	10	200	
82061	White	10	200	
82062	Brown	10	200	
82063	Almond	10	200	
3 Way Lighted				
82290	Ivory	10	200	
82291	White	10	200	
4 Way				
82070	Ivory	10	200	
82071	White	10	200	
Single Pole 20A 120/277V				
82080	Ivory	10	200	
82081	White	10	200	



**Single Pole
Double Switch
15A 120V/277V
back & side wire**

Cat No.	Color	Box Qty	Case Qty	Each
82090	Ivory	10	200	
82091	White	10	200	



**Combination
Single Pole
Switch and
Receptacle
15A, 125V
back & side wire**

Cat No.	Color	Box Qty	Case Qty	Each
82175	Ivory	10	200	
82176	White	10	200	



**Garbage Disposal
Decorator Switch
Momentary Contact
15A, 120/277V
back & side wire
SPDT On-Off-(On)**

Cat No.	Color	Box Qty	Case Qty	Each
82100	Ivory	10	200	
82101	White	10	200	
82103	Almond	10	200	



**Single Pole Switch
& Pilot Light
15A, 120V
back & side wire**

Cat No.	Color	Box Qty	Case Qty	Each
82095	Ivory	10	200	
82096	White	10	200	

Straight Blade Receptacles

- Shallow design for maximum wiring room
- Easy-access green hex head ground screw
- Washer-type break-off plaster ear for best flush alignment

- Captive mounting screws
- Large head combination screws for quick wiring
- Back and side wiring for easy installation
- UL listed



Standard Duplex Receptacle
2 pole, 3 wire
15A, 125V
back & side wire

Cat No.	Color	Box Qty	Case Qty	Each
82120	Ivory	10	200	
82121	White	10	200	
82122	Brown	10	200	
82123	Almond	10	200	



Commercial Duplex Receptacle Self Ground
2 pole, 3 wire
15A, 125V
side wire

Cat No.	Color	Box Qty	Case Qty	Each
82140	Ivory	10	200	
82141	White	10	200	
82142	Brown	10	200	



Tamperproof Standard Duplex Receptacle
2 pole, 3 wire
15A, 125V
back & side wire

Cat No.	Color	Box Qty	Case Qty	Each
81950	Ivory	10	200	
81951	White	10	200	
81953	Almond	10	200	



Decorator Duplex Receptacle Self Grounding
2 pole, 3 wire
15A, 125V
back & side wire

Cat No.	Color	Box Qty	Case Qty	Each
82015	Ivory	10	200	
82016	White	10	200	
82017	Brown	10	200	
82018	Almond	10	200	



Commercial Duplex Receptacle Self Grounding
2 pole, 3 wire
20A, 125V
side wire

Cat No.	Color	Box Qty	Case Qty	Each
82150	Ivory	10	200	
82151	White	10	200	
82152	Brown	10	200	
82153	Almond	10	200	



Tamperproof Decorator Duplex Receptacle Self Grounding
2 pole, 3 wire
15A, 125V
back & side wire

Cat No.	Color	Box Qty	Case Qty	Each
81960	Ivory	10	200	
81961	White	10	200	
81963	Almond	10	200	



Isolated Ground Duplex Receptacle Self Grounding
2 pole, 3 wire
back & side wire

Cat No.	Color	Box Qty	Case Qty	Each
15 Amp 125 Volt				
82225	Ivory	10	200	
82226	White	10	200	
82228	Orange	10	200	
20 Amp 125 Volt				
82160	Ivory	10	200	
82161	White	10	200	
82164	Orange	10	200	
15 Amp 250 Volt				
82230	Ivory	10	200	
82231	White	10	200	
82233	Orange	10	200	
20 Amp 250 Volt				
82235	Ivory	10	200	
82236	White	10	200	
82238	Orange	10	200	



Decorator Isolated Ground Duplex Receptacle Self Grounding
2 pole, 3 wire
back & side wire

Cat No.	Color	Box Qty	Case Qty	Each
15 Amp 125 Volt				
81910	Ivory	10	200	
81911	White	10	200	
81914	Orange	10	200	
20 Amp 125 Volt				
81915	Ivory	10	200	
81916	White	10	200	
81919	Orange	10	200	
15 Amp 250 Volt				
81920	Ivory	10	200	
81921	White	10	200	
81924	Orange	10	200	
20 Amp 250 Volt				
81925	Ivory	10	200	
81926	White	10	200	
81929	Orange	10	200	



Hospital Grade Duplex Receptacle Self Grounding
2 pole, 3 wire
back & side wire

Cat No.	Color	Box Qty	Case Qty	Each
15 Amp 125 Volt				
82250	Ivory	10	200	
82251	White	10	200	
82253	Red	10	200	
20 Amp 125 Volt				
82170	Ivory	10	200	
82171	White	10	200	
82173	Red	10	200	
15 Amp 250 Volt				
82255	Ivory	10	200	
82256	White	10	200	
82258	Red	10	200	
20 Amp 250 Volt				
82260	Ivory	10	200	
82261	White	10	200	
82263	Red	10	200	



WIRING DEVICES



Industrial Grade Duplex Receptacle Self Grounding 2 pole, 3 wire back & side wire

Cat No.	Color	Box Qty	Case Qty	Each
15 Amp 125 Volt				
82195	Ivory	10	200	
82196	White	10	200	
20 Amp 125 Volt				
82130	Ivory	10	200	
82131	White	10	200	
15 Amp 250 Volt				
82200	Ivory	10	200	
82201	White	10	200	
20 Amp 250 Volt				
82205	Ivory	10	200	
82206	White	10	200	



Industrial Grade Decorator Duplex Receptacle Self Grounding 2 pole, 3 wire back & side wire

Cat No.	Color	Box Qty	Case Qty	Each
15 Amp 125 Volt				
82210	Ivory	10	200	
82211	White	10	200	
20 Amp 125 Volt				
82180	Ivory	10	200	
82181	White	10	200	
15 Amp 250 Volt				
82215	Ivory	10	200	
82216	White	10	200	
20 Amp 250 Volt				
82220	Ivory	10	200	
82221	White	10	200	



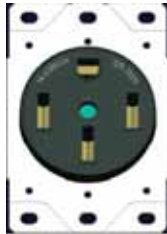
Industrial Grade Single Receptacle 2 pole, 3 wire side wire

Cat No.	Color	Box Qty	Case Qty	Each
15 Amp 125 Volt				
82135	Ivory	10	200	
82136	White	10	200	
20 Amp 125 Volt				
82155	Ivory	10	200	
82156	White	10	200	
15 Amp 250 Volt				
82240	Ivory	10	200	
82241	White	10	200	
20 Amp 250 Volt				
82245	Ivory	10	200	
82246	White	10	200	



Flush Dryer Receptacle 30A, 125/250V 4 wire One Gang

Cat No.	Color	Box Qty	Case Qty	Each
82521	White	10	200	
82522	Black	10	200	



Flush Range Receptacle 50A, 125/250V 4 wire One Gang Black Color

Cat No.	Box Qty	Case Qty	Each
82526	10	200	



One Gang Metal Range and Dryer Cover 2.125 Diameter 430 Stainless

Cat No.	Color	Box Qty	Case Qty	Ea
83480	Stainless	25	200	
83482	White	25	200	
83483	Ivory	25	200	

Commercial Grade Decorator Combination Devices



Fig 1 Fig 2 Fig 3

- Elegant design provides multiple controls in a single-gang wall box
- All devices have grounding terminals
- Fit standard wall boxes



2 Gang Metal Range and Dryer Cover 2.125 Diameter 430 Stainless

Cat No.	Color	Box Qty	Case Qty	Ea
83485	Stainless	25	200	
83487	White	25	200	
83488	Ivory	25	200	

Cat. No.	Color	Fig.	Box Qty.	Case Qty.	Each
Triple Rocker Switch 15 Amp Push-In only 120/277V AC					
81970	Ivory	1	10	200	
81971	White	1	10	200	
81973	Almond	1	10	200	
Double Rocker Switch 15 Amp Side Wired Only 120/277V AC					
81980	Ivory	2	10	200	
81981	White	2	10	200	
81983	Almond	2	10	200	
Single Pole Switch/Receptacle 15 Amp 120V Switch 15 Amp 125V Receptacle					
81990	Ivory	3	10	200	
81991	White	3	10	200	
81993	Almond	3	10	200	

Ground Fault Circuit Interrupter with Wallplate

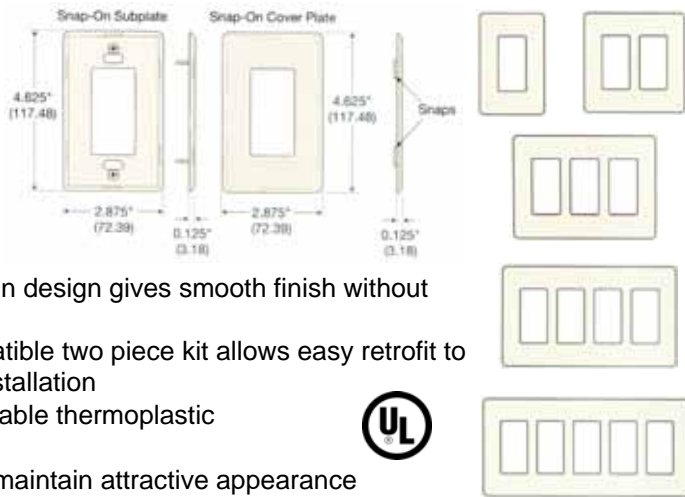


This device replaces a conventional outlet. Should someone come in contact with a live (hot) wire, this GFCI will detect a current leakage as little as 5 millamps and will shut the power off almost immediately (1/40 of a second). The National Electrical Code (NEC) requires the use of GFCI outlets in kitchens, bathrooms, garages, basements and near swimming pools.

- 2-pole, 3-wire grounding duplex GFCI receptacle
- 125V AC only
- 15A at outlet
- 20A feed-through
- With LED

Cat No.	GFCI Color	Reset & Test Button Color	Receptacle	Feed-Through	Case Qty	Each
82330	Ivory	Ivory	15 AMPS	20 AMPS	50	
82331	White	White	15 AMPS	20 AMPS	50	
82332	Brown	Brown	15 AMPS	20 AMPS	50	
82333	Light Almond	Light Almond	15 AMPS	20 AMPS	50	
82334	Black	Black	15 AMPS	20 AMPS	50	
82340	Ivory	Ivory	20 AMPS	20 AMPS	50	
82341	White	White	20 AMPS	20 AMPS	50	
82342	Brown	Brown	20 AMPS	20 AMPS	50	
82343	Light Almond	Light Almond	20 AMPS	20 AMPS	50	
82344	Black	Black	20AMPS	20 AMPS	50	

Decorator Screwless Snap-In Wallplates



- Screwless snap-in design gives smooth finish without recessed lines
- Decorator-compatible two piece kit allows easy retrofit to any decorator installation
- Virtually unbreakable thermoplastic
- Easy to snap-on
- Easy to clean & maintain attractive appearance



Cat. No.	Gangs	Color	Box Qty	Case Qty	Each
80900	1	Ivory	25	200	
80901	1	White	25	200	
80903	1	Almond	25	200	
80905	2	Ivory	25	200	
80906	2	White	25	200	
80908	2	Almond	25	200	
80910	3	Ivory	10	100	
80911	3	White	10	100	
80913	3	Almond	10	100	
80915	4	Ivory	10	100	
80916	4	White	10	100	
80918	4	Almond	10	100	
80920	5	Ivory	10	100	
80921	5	White	10	100	
80923	5	Almond	10	100	

Emergency Metal Switch Plates

Red with silk screened white letters



Cat No.	Type	Size	Box Qty	Case Qty	Each
83490	Oil	Utility	10	100	
83491	Oil	1 Gang	10	100	
83492	Oil	4" Raised	10	100	
83495	Gas	Utility	10	100	
83496	Gas	1 Gang	10	100	
83497	Gas	4" Raised	10	100	

Lexan Wall Plates

- Highly resistant to impact, abrasion, oil, acids and discoloration
- Ideal for use in high-abuse areas
- Smooth, easy to clean surface
- Round on edges to prevent injury and wall damage
- Supplied with color matching painted metal mounting screws
- Mounting Screws individually wrapped in a small plastic bag to protect plate from scratches
- Specification Grade - meets all current Federal Specifications
- Conform to NEMA & ANSI standards
- Flammability rating UL94V-2



1 Gang Toggle Switch



Cat No.	Color	Box Qty	Case Qty	Each
81010	Ivory	25	200	
81011	White	25	200	
81012	Brown	25	200	
81013	Almond	25	200	

2 Gang Toggle Switch



Cat No.	Color	Box Qty	Case Qty	Each
81020	Ivory	25	200	
81021	White	25	200	
81022	Brown	25	200	
81023	Almond	25	200	

3 Gang Toggle Switch



Cat No.	Color	Box Qty	Case Qty	Each
81030	Ivory	10	100	
81031	White	10	100	
81032	Brown	10	100	
81033	Almond	10	100	

4 Gang Toggle Switch



Cat No.	Color	Box Qty	Case Qty	Each
81040	Ivory	10	200	
81041	White	10	200	
81042	Brown	10	200	
81043	Almond	10	200	

5 Gang Toggle Switch



Cat No.	Color	Box Qty	Case Qty	Each
81050	Ivory	10	200	
81051	White	10	200	
81052	Brown	10	200	
81053	Almond	10	200	

6 Gang Toggle Switch



Cat No.	Color	Box Qty	Case Qty	Each
81060	Ivory	10	200	
81061	White	10	200	
81062	Brown	10	200	
81063	Almond	10	200	

1 Gang Decorator/GFCI



Cat No.	Color	Box Qty	Case Qty	Each
81110	Ivory	25	200	
81111	White	25	200	
81112	Brown	25	200	
81113	Almond	25	200	

2 Gang Decorator/GFCI



Cat No.	Color	Box Qty	Case Qty	Each
81120	Ivory	25	200	
81121	White	25	200	
81122	Brown	25	200	
81123	Almond	25	200	

3 Gang Decorator/GFCI



Cat No.	Color	Box Qty	Case Qty	Each
81130	Ivory	10	200	
81131	White	10	200	
81132	Brown	10	200	
81133	Almond	10	200	

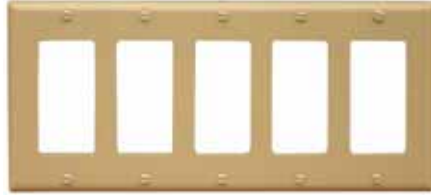
Lexan Wall Plates

4 Gang Decorator/GFCI



Cat No.	Color	Box Qty	Case Qty	Each
81140	Ivory	10	200	
81141	White	10	200	
81142	Brown	10	200	
81143	Almond	10	200	

5 Gang Decorator/GFCI



Cat No.	Color	Box Qty	Case Qty	Each
81150	Ivory	10	200	
81151	White	10	200	
81152	Brown	10	200	
81153	Almond	10	200	

6 Gang Decorator/GFCI



Cat No.	Color	Box Qty	Case Qty	Each
81160	Ivory	10	200	
81161	White	10	200	
81162	Brown	10	200	
81163	Almond	10	200	

2 Gang 1 Toggle, 1 Blank



Cat No.	Color	Box Qty	Case Qty	Each
81210	Ivory	25	200	
81211	White	25	200	
81212	Brown	25	200	
81213	Almond	25	200	

2 Gang 1 GFCI, 1 Blank



Cat No.	Color	Box Qty	Case Qty	Each
81220	Ivory	25	200	
81221	White	25	200	
81222	Brown	25	200	
81223	Almond	25	200	

2 Gang 1 Duplex, 1 Blank



Cat No.	Color	Box Qty	Case Qty	Each
81230	Ivory	25	200	
81231	White	25	200	
81232	Brown	25	200	
81233	Almond	25	200	

2 Gang 1 Toggle, 1 GFCI



Cat No.	Color	Box Qty	Case Qty	Each
81240	Ivory	25	200	
81241	White	25	200	
81242	Brown	25	200	
81243	Almond	25	200	

2 Gang 1 GFCI, 1 Duplex



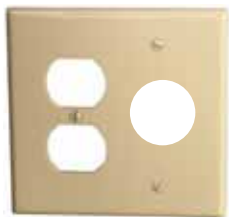
Cat No.	Color	Box Qty	Case Qty	Each
81250	Ivory	25	200	
81251	White	25	200	
81252	Brown	25	200	
81253	Almond	25	200	

3 Gang 1 Duplex, 2 Toggle



Cat No.	Color	Box Qty	Case Qty	Each
81260	Ivory	10	200	
81261	White	10	200	
81262	Brown	10	200	
81263	Almond	10	200	

2 Gang 1 Duplex, 1 Single



1.406"
Diameter

Cat No.	Color	Box Qty	Case Qty	Each
81685	Ivory	25	200	
81686	White	25	200	
81687	Brown	25	200	
81688	Almond	25	200	

2 Gang 1 Duplex, 1 Toggle



Cat No.	Color	Box Qty	Case Qty	Each
81290	Ivory	25	200	
81291	White	25	200	
81292	Brown	25	200	
81293	Almond	25	200	

3 Gang 2 Toggle, 1 GFCI



Cat No.	Color	Box Qty	Case Qty	Each
81310	Ivory	10	200	
81311	White	10	200	
81312	Brown	10	200	
81313	Almond	10	200	



WIRING DEVICES

Lexan Wall Plates

1 Gang Duplex Receptacle



Cat No.	Color	Box Qty	Case Qty	Each
81410	Ivory	25	200	
81411	White	25	200	
81412	Brown	25	200	
81413	Almond	25	200	

1 Gang Blank



Cat No.	Color	Box Qty	Case Qty	Each
81510	Ivory	25	200	
81511	White	25	200	
81512	Brown	25	200	
81513	Almond	25	200	

1 Gang Single Receptacle



1.406
Diameter

Cat No.	Color	Box Qty	Case Qty	Each
81610	Ivory	25	200	
81611	White	25	200	
81612	Brown	25	200	
81613	Almond	25	200	

2 Gang Duplex Receptacle



Cat No.	Color	Box Qty	Case Qty	Each
81420	Ivory	25	200	
81421	White	25	200	
81422	Brown	25	200	
81423	Almond	25	200	

2 Gang Blank



Cat No.	Color	Box Qty	Case Qty	Each
81520	Ivory	25	200	
81521	White	25	200	
81522	Brown	25	200	
81523	Almond	25	200	

2 Gang Single Receptacle



1.406
Diameter

Cat No.	Color	Box Qty	Case Qty	Each
81620	Ivory	25	200	
81621	White	25	200	
81622	Brown	25	200	
81623	Almond	25	200	

3 Gang Duplex Receptacle



Cat No.	Color	Box Qty	Case Qty	Each
81430	Ivory	10	200	
81431	White	10	200	
81432	Brown	10	200	
81433	Almond	10	200	

1 Gang Cable



Cat No.	Color	Hole Dia.	Box Qty	Case Qty	Each
81630	Ivory	.406	25	200	
81631	White	.406	25	200	
81632	Brown	.406	25	200	
81633	Almond	.406	25	200	
81670	Ivory	.625	25	200	
81671	White	.625	25	200	
81672	Brown	.625	25	200	
81673	Almond	.625	25	200	

4 Gang Duplex Receptacle



Cat No.	Color	Box Qty	Case Qty	Each
81440	Ivory	10	200	
81441	White	10	200	
81442	Brown	10	200	
81443	Almond	10	200	

Lexan Wall Plates - Midsize & Oversize

1 Gang Toggle Switch



Mid-Size

Cat No.	Color	Box Qty	Case Qty	Each
81710	Ivory	25	200	
81711	White	25	200	
81712	Brown	25	200	
81713	Almond	25	200	

2 Gang Toggle Switch



Mid-Size

Cat No.	Color	Box Qty	Case Qty	Each
81750	Ivory	25	200	
81751	White	25	200	
81752	Brown	25	200	
81753	Almond	25	200	

1 Gang Toggle Switch



Over-Size

Cat No.	Color	Box Qty	Case Qty	Each
81810	Ivory	25	200	
81811	White	25	200	
81812	Brown	25	200	
81813	Almond	25	200	

1 Gang Decorator/GFCI



Mid-Size

Cat No.	Color	Box Qty	Case Qty	Each
81720	Ivory	25	200	
81721	White	25	200	
81722	Brown	25	200	
81723	Almond	25	200	

2 Gang Decorator/GFCI



Mid-Size

Cat No.	Color	Box Qty	Case Qty	Each
81770	Ivory	25	200	
81771	White	25	200	
81772	Brown	25	200	
81773	Almond	25	200	

1 Gang Decorator/GFCI



Over-Size

Cat No.	Color	Box Qty	Case Qty	Each
81820	Ivory	25	200	
81821	White	25	200	
81822	Brown	25	200	
81823	Almond	25	200	

1 Gang Duplex Receptacle



Mid-Size

Cat No.	Color	Box Qty	Case Qty	Each
81730	Ivory	25	200	
81731	White	25	200	
81732	Brown	25	200	
81733	Almond	25	200	

2 Gang Duplex Receptacle



Mid-Size

Cat No.	Color	Box Qty	Case Qty	Each
81760	Ivory	25	200	
81761	White	25	200	
81762	Brown	25	200	
81763	Almond	25	200	

1 Gang Duplex Receptacle



Over-Size

Cat No.	Color	Box Qty	Case Qty	Each
81830	Ivory	25	200	
81831	White	25	200	
81832	Brown	25	200	
81833	Almond	25	200	

1 Gang Blank



Mid-Size

Cat No.	Color	Box Qty	Case Qty
81740	Ivory	25	200
81741	White	25	200
81742	Brown	25	200
81743	Almond	25	200

1 Gang Blank



Over-Size

Cat No.	Color	Box Qty	Case Qty	Each
81840	Ivory	25	200	
81841	White	25	200	
81842	Brown	25	200	
81843	Almond	25	200	

Stainless Steel Metal Wall Plates

- Provides extended life in abusive and corrosive environments
- Contemporary smooth finish and contoured edges enhance installation appearance
- Smooth finish without recessed lines is easy to clean and maintain attractive appearance
- UL listed
- Different surface finish available: semi-gloss (white, ivory) and stainless steel
- Made of stainless steel 430

1 Gang Toggle Switch



Cat No.	Color	Box Qty	Case Qty	Each
83010	Stainless	25	200	
83012	White	25	200	
83013	Ivory	25	200	

1 Gang Decorator/GFCI



Cat No.	Color	Box Qty	Case Qty	Each
83110	Stainless	25	200	
83112	White	25	200	
83113	Ivory	25	200	

2 Gang 1 Toggle 1 Blank



Cat No.	Color	Box Qty	Case Qty	Each
83410	Stainless	25	100	
83412	White	25	100	
83413	Ivory	25	100	

2 Gang Toggle Switch



Cat No.	Color	Box Qty	Case Qty	Each
83020	Stainless	25	100	
83022	White	25	100	
83023	Ivory	25	100	

2 Gang Decorator/GFCI



Cat No.	Color	Box Qty	Case Qty	Each
83120	Stainless	25	100	
83122	White	25	100	
83123	Ivory	25	100	

2 Gang 1 Duplex 1 Toggle



Cat No.	Color	Box Qty	Case Qty	Each
83420	Stainless	25	100	
83422	White	25	100	
83423	Ivory	25	100	

3 Gang Toggle Switch



Cat No.	Color	Box Qty	Case Qty	Each
83030	Stainless	10	100	
83032	White	10	100	
83033	Ivory	10	100	

3 Gang Decorator/GFCI



Cat No.	Color	Box Qty	Case Qty	Each
83130	Stainless	10	100	
83132	White	10	100	
83133	Ivory	10	100	

2 Gang 1 Toggle 1 GFCI



Cat No.	Color	Box Qty	Case Qty	Each
83430	Stainless	25	100	
83432	White	25	100	
83433	Ivory	25	100	

4 Gang Toggle Switch



Cat No.	Color	Box Qty	Case Qty	Each
83040	Stainless	10	50	
83042	White	10	50	
83043	Ivory	10	50	

4 Gang Decorator/GFCI



Cat No.	Color	Box Qty	Case Qty	Each
83140	Stainless	10	50	
83142	White	10	50	
83143	Ivory	10	50	

2 Gang 1 GFCI 1 Duplex



Cat No.	Color	Box Qty	Case Qty
83440	Stainless	25	100
83442	White	25	100
83443	Ivory	25	100

Stainless Steel Metal Wall Plates

1 Gang Duplex Receptacle



Cat No.	Color	Box Qty	Case Qty	Each
83210	Stainless	25	200	
83212	White	25	200	
83213	Ivory	25	200	

1 Gang Blank



Cat No.	Color	Box Qty	Case Qty	Each
83310	Stainless	25	200	
83312	White	25	200	
83313	Ivory	25	200	

1 Gang Single Receptacle



Cat No.	Color	Hole Dia	Box Qty	Case Qty	Each
83445	Stainless	1.620	25	200	
83447	White	1.620	25	200	
83448	Ivory	1.620	25	200	
83450	Stainless	1.406	25	200	
83452	White	1.406	25	200	
83453	Ivory	1.406	25	200	

2 Gang Duplex Receptacle



Cat No.	Color	Box Qty	Case Qty	Each
83220	Stainless	25	100	
83222	White	25	100	
83223	Ivory	25	100	

2 Gang Blank



Cat No.	Color	Box Qty	Case Qty	Each
83320	Stainless	25	100	
83322	White	25	100	
83323	Ivory	25	100	

1 Gang Cable



Cat No.	Color	Hole Dia	Box Qty	Case Qty	Each
83455	Stainless	.406	25	200	
83457	White	.406	25	200	
83458	Ivory	.406	25	200	
83460	Stainless	.625	25	200	
83462	White	.625	25	200	
83463	Ivory	.625	25	200	
83465	Stainless	.4375	25	200	
83467	White	.4375	25	200	
83468	Ivory	.4375	25	200	

3 Gang Duplex Receptacle



Cat No.	Color	Box Qty	Case Qty	Each
83230	Stainless	10	100	
83232	White	10	100	
83233	Ivory	10	100	

3 Gang Blank



Cat No.	Color	Box Qty	Case Qty	Each
83330	Stainless	10	100	
83332	White	10	100	
83333	Ivory	10	100	

2 Gang Cable



Cat No.	Color	Hole Dia	Box Qty	Case Qty	Each
83470	Stainless	.625	25	100	
83472	White	.625	25	100	
83473	Ivory	.625	25	100	
83475	Stainless	.406	25	100	
83477	White	.406	25	100	
83478	Ivory	.406	25	100	

4 Gang Duplex Receptacle



Cat No.	Color	Box Qty	Case Qty
83240	Stainless	10	50
83242	White	10	50
83243	Ivory	10	50

4 Gang Blank



Cat No.	Color	Box Qty	Case Qty	Each
83340	Stainless	10	50	
83342	White	10	50	
83343	Ivory	10	50	



WIRING DEVICES

Stainless Steel Wall Plates

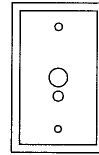
2 Gang Single Receptacle



1.406"
Diameter

Cat No.	Color	Box Qty	Case Qty	Each
83510	Stainless	25	200	
83512	White	25	200	
83513	Ivory	25	200	

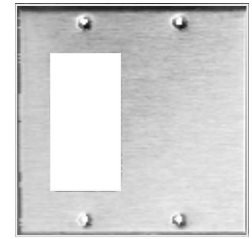
1 Gang 1 Phone, 1 Cable



.374" & .177"
Diameters

Cat No.	Color	Box Qty	Case Qty	Each
83520	Stainless	25	200	
83522	White	25	200	
83523	Ivory	25	200	

2 Gang 1 GFCI, 1 Blank



Cat No.	Color	Box Qty	Case Qty	Each
83560	Stainless	25	200	
83562	White	25	200	
83563	Ivory	25	200	

2 Gang 1 Duplex, 1 Blank



Cat No.	Color	Box Qty	Case Qty	Each
83540	Stainless	25	200	
83542	White	25	200	
83543	Ivory	25	200	

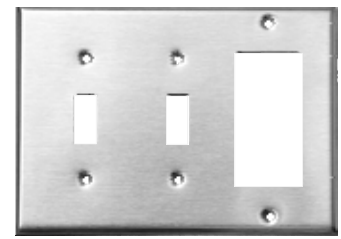
2 Gang 1 Duplex, 1 Single



1.406"
Diameter

Cat No.	Color	Box Qty	Case Qty	Each
83550	Stainless	25	200	
83552	White	25	200	
83553	Ivory	25	200	

3 Gang 2 Toggle 1 GFCI



Cat No.	Color	Box Qty	Case Qty	Each
83580	Stainless	10	200	
83582	White	10	200	
83583	Ivory	10	200	

1 Gang Range/Dryer Cover



2.125"
Diameter

Cat No.	Color	Box Qty	Case Qty	Ea
83480	Stainless	25	200	
83482	White	25	200	
83483	Ivory	25	200	

2 Gang Range/Dryer Cover



2.125"
Diameter

Cat No.	Color	Box Qty	Case Qty	Ea
83485	Stainless	25	200	
83487	White	25	200	
83488	Ivory	25	200	

Emergency Metal Switch Plates

Red with silk screened white letters



Cat No.	Type	Size	Box Qty	Case Qty
83490	Oil	Utility	10	100
83491	Oil	1 Gang	10	100
83492	Oil	4" Raised	10	100
83495	Gas	Utility	10	100
83496	Gas	1 Gang	10	100
83497	Gas	4" Raised	10	100

2 Gang 1 Toggle, 1 Duplex



Mid-Size

Cat No.	Color	Box Qty	Case Qty	Each
83670	Stainless	25	200	
83672	White	25	200	
83673	Ivory	25	200	

2 Gang Power Outlet



2.465"
Diameter

Cat No.	Color	Box Qty	Case Qty	Each
83505	Stainless	25	200	
83507	White	25	200	
83508	Ivory	25	200	

WIRING DEVICES

Stainless Steel Wall Plates, Mid-size and Over-Size

1 Gang Blank



Mid-Size

Cat No.	Color	Box Qty	Case Qty	Each
83610	Stainless	25	200	
83612	White	25	200	
83613	Ivory	25	200	

1 Gang Toggle Switch



Mid-Size

Cat No.	Color	Box Qty	Case Qty	Each
83620	Stainless	25	200	
83622	White	25	200	
83623	Ivory	25	200	

1 Gang Duplex Receptacle



Mid-Size

Cat No.	Color	Box Qty	Case Qty	Each
83630	Stainless	25	200	
83632	White	25	200	
83633	Ivory	25	200	

1 Gang Decorator/GFCI



Mid-Size

Cat No.	Color	Box Qty	Case Qty	Each
83640	Stainless	25	200	
83642	White	25	200	
83643	Ivory	25	200	

1 Gang Single Receptacle



Mid-Size

1.406"
Diameter

Cat No.	Color	Box Qty	Case Qty	Each
83650	Stainless	25	200	
83652	White	25	200	
83653	Ivory	25	200	

2 Gang Toggle Switch



Mid-Size

Cat No.	Color	Box Qty	Case Qty	Each
83660	Stainless	25	200	
83662	White	25	200	
83663	Ivory	25	200	

1 Gang Duplex Receptacle



Over-Size

Cat No.	Color	Box Qty	Case Qty	Each
83710	Stainless	25	200	
83712	White	25	200	
83713	Ivory	25	200	

1 Gang Toggle Switch



Over-Size

Cat No.	Color	Box Qty	Case Qty	Each
83720	Stainless	25	200	
83722	White	25	200	
83723	Ivory	25	200	

1 Gang Duplex Receptacle



Over-Size

Cat No.	Color	Box Qty	Case Qty	Each
83730	Stainless	25	200	
83732	White	25	200	
83733	Ivory	25	200	

1 Gang Decorator/GFCI



Over-Size

Cat No.	Color	Box Qty	Case Qty
83740	Stainless	25	200
83742	White	25	200
83743	Ivory	25	200

1 Gang Single Receptacle



Over-Size

1.406"
Diameter

Cat No.	Color	Box Qty	Case Qty	Each
83750	Stainless	25	200	
83752	White	25	200	
83753	Ivory	25	200	

1 Gang Phone/Cable



Over-Size

.625"
Diameter

Cat No.	Color	Box Qty	Case Qty	Each
83760	Stainless	25	200	
83762	White	25	200	
83763	Ivory	25	200	

Dimmers

- Fits standard wall box
- Suppresses Radio Frequency Interference (RFI)
- Decorator Style permits ganging with other decorative devices
- Wire leads provide for fast & easy assembly & wiring
- UL listed

Rotary Dimmer



- 600 Watt
- Single Pole (turn off)
- 3-Way (push off)
- Includes Wallplate



Cat No.	Color	Case Qty	Each
Single Pole (turn off)			
82710	Ivory	10	
82711	White	10	
82713	Almond	10	
3-Way (push off)			
82715	Ivory	10	
82716	White	10	
82718	Almond	10	

Slide Dimmer



- 700 Watt
- Blister Pack
- Wallplate not included



Cat No.	Color	Case Qty	Each
Single Pole			
82720	Ivory	10	
82721	White	10	
82723	Almond	10	

Slide Dimmer with Switch



- 700 Watt
- On/Off Switch
- Includes Wallplate



Cat No.	Color	Case Qty	Each
Single Pole			
82750	Ivory	10	
82751	White	10	
82753	Almond	10	
3-Way			
82755	Ivory	10	
82756	White	10	
82758	Almond	10	

Slide Dimmer & On/Off Switch



- Switch: On/Off at selected light levels
- Dimmer: Select light level with slider
- Includes Wallplate
- Individually Boxed



Cat No.	Color	Box Qty	Each
Single Pole 120V 700W			
82780	Ivory	10	
82781	White	10	
82783	Almond	10	
Three Way 120V 700W			
82785	Ivory	10	
82786	White	10	
82788	Almond	10	
Single Pole Magnetic Low Voltage			
82790	Ivory	10	
82791	White	10	
82793	Almond	10	
Three Way Magnetic Low Voltage			
82795	Ivory	10	
82796	White	10	
82798	Almond	10	

Fluorescent Dimmer



- Fluorescent slide dimmer
- Also good for Incandescent
- 120VAC 600W
- On/Off Switch
- Includes Wallplate
- Individually Boxed



Cat No.	Color	Box Qty	Each
Single Pole			
82740	Ivory	10	
82741	White	10	
82743	Almond	10	
Three Way			
82745	Ivory	10	
82746	White	10	
82748	Almond	10	

Touch Dimmer 600W Single Pole

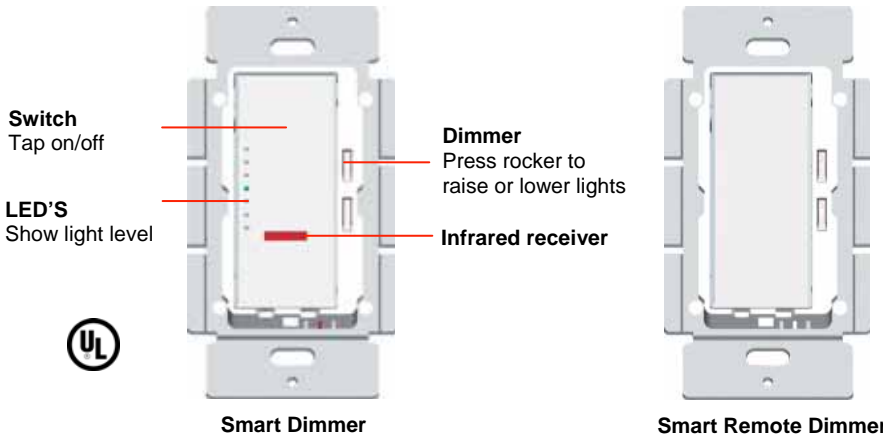


- Provides fingertip ease of use & precise adjustment of lighting levels
- Simple one-touch for ON at preset level or again for OFF, touch & hold for BRIGHT/DIM lighting control
- Blister Pack
- Wallplate not included



Cat No.	Color	Case Qty	Each
82770	Ivory	10	
82771	White	10	
82773	Almond	10	

Smart Dimmers



- Full range dimming possible for up to 9 locations, install 1 smart dimmer and then add smart remotes
- On/Off switch
- Customizable delayed fade to off ranging from 10-60 seconds lets you leave the room before lights go out
- LED's glow softly in the dark for easy dimmer locating and show preset light level when switch is off
- Decorator frame easily gangs with any device
- Power failure memory - it remembers your settings even after a power interruption
- Superior suppression of interference with radio and TV
- Wallplate Included
- Individually boxed, 120VAC, 60 Hz

Smart Dimmers - Single Pole

Cat No.	Watts	Amps	Color	Case Qty	Each
82810	600	5	Ivory	60	
82811	600	5	White	60	
82813	600	5	Almond	60	
82820	1000	8.33	Ivory	60	
82821	1000	8.33	White	60	
82823	1000	8.33	Almond	60	

Smart Remote Dimmers (use with Smart Dimmers)

Cat No.	Watts	Amps	Color	Case Qty	Each
82830	600	5	Ivory	60	
82831	600	5	White	60	
82833	600	5	Almond	60	
82835	1000	8.33	Ivory	60	
82836	1000	8.33	White	60	
82838	1000	8.33	Almond	60	

Rotary Fan Speed Controls



- Single Pole
- 120V AC Receptacle
- Rotary On/Off
- Suppresses Radio Frequency Interference (RFI)
- Includes Wallplate,
- Individually boxed

Cat No.	Color	Fans Controlled	Amps	Box Qty	Each
Single Pole 120V 3 Speed					
82610	Ivory	2 Fans	2.5	10	
82611	White	2 Fans	2.5	10	
82613	Almond	2 Fans	2.5	10	
Single Pole 120V Variable Speed					
82615	Ivory	3-5 Fans	5.0	10	
82616	White	3-5 Fans	5.0	10	
82618	Almond	3-5 Fans	5.0	10	

Rotary Fan 3-Way Speed Controls



- Quiet 4 speed
- Fits standard wall box
- 1.25 Amp for 1 fan
- Suppresses Radio Frequency Interference
- Individually packed in hanging double blister card
- Wallplate not included

Cat No.	Color	Description	Case	Each
82620	Ivory	3-way	50	
82621	White	3-way	50	

Slide Fan & Light Speed Controls



- Single Pole 120V
- Variable Speed Control
- 2.5 Amp for 2 Fans
- 300W Dimmer
- Suppresses Radio Frequency Interference (RFI)
- Includes Wallplate
- Individually Boxed

Cat No.	Color	Box Qty	Each
82660	Ivory	10	
82661	White	10	
82663	Almond	10	

Slide Fan Speed Controls



- Single Pole 120V
- Variable Speed
- 5 Amp for up to 5 Fans
- Suppresses Radio Frequency Interference (RFI)
- Includes Wallplate
- Individually Boxed

Cat No.	Color	Box Qty	Each
82650	Ivory	10	
82651	White	10	
82653	Almond	10	

Occupancy Sensors



Rating:
 Single Pole
 120VAC, 60Hz
 500W Resistive
 Tungsten: 500W @ 120V
 Fluorescent: 500VA @ 120V
 Motor: 1/8HP @ 120V



- Turns lights On/Off automatically when people enter or leave a room
- Will work with Electronic Ballasts
- PIR wall switch works best in offices, copy rooms, storage closets, small conference rooms, and other common areas where there are high levels of occupant motion. The Passive Infrared (PIR) senses occupancy by detecting the difference between heat emitted from the human body in motion and the background space.
- On/Off pushbutton
- Time delay Off setting is adjustable from 30 seconds to 30 minutes
- Ambient light setting automatically adjusts itself and controls when lights turn On/Off, depending on sufficient natural light present
- “Walk through” sensing increases energy savings by shutting off lights shortly after momentary occupancy
- Self-adaptive feature automatically adjusts time delay based on present occupancy
- The sensors utilize a unique Fresnel lens which divides the coverage area into zones, enhancing detection of small movements
- Has “Zero Arc Point” technology, which increases the life of controlled devices and enhances their reliability
- Alert Function: sensors sound to let the occupant know the time delay will expire after 1 minute
- Conforms to California Title 24 Energy Code
- UL/cUL Listed
- Wall plate Included, individually boxed

Cat No.	Color	Coverage	Case Qty	Each
80520	Ivory	150°, 450 Sq. Ft.	60	
80521	White	150°, 450 Sq. Ft.	60	

7-Day Heavy Duty In-Wall Timer



Digital timer can replace standard wall switch to provide automatic control of outdoor or indoor lighting (incandescent and fluorescent light), fans, pumps, office machines, and other types of circuits.

- Automatic or manual operation
- Push the control cover to switch On/Off at any time
- Program up to 18 On/Off setting options per day
- Large, easy to read digital display, to-the-minute accuracy
- Built-in memory holds settings indefinitely without battery
- Batteries (replaceable) save the time and program settings when the unit is unplugged or there is a power outage

- Single pole
- Resistive Rating: 15A, 1800W
- Tungsten Rating: 15A, 1200W
- Motor Load: ½ HP
- Voltage: 120VAC, 60Hz
- Operating Temperatures: 32°F to +104°F
- UL/cUL Listed
- Wallplate Included
- Individually Boxed

Multiple Daily Settings Options:

- All days of the week
- Individual days of the week
- 5 weekdays
- 2 weekend days



Cat No.	Color	Case Qty	Each
80510	Ivory	60	
80511	White	60	

Sound System Plates

- Gold Plate, Wall Connection Systems
- Strong Metal Backplate
- Decorative Style



**Single
RCA**

Cat No.	Color	Box Qty	Each
80310	Ivory	10	
80311	White	10	



**Double
RCA**

Cat No.	Color	Box Qty	Each
80320	Ivory	10	
80321	White	10	



**Triple
RCA**

Cat No.	Color	Box Qty	Each
80330	Ivory	10	
80331	White	10	



**Double
RCA
Single
Coax**

Cat No.	Color	Box Qty	Each
80340	Ivory	10	
80341	White	10	



**Triple
RCA
Single
Coax**

Cat No.	Color	Box Qty	Each
80350	Ivory	10	
80351	White	10	



**Banana
Jack
1 Pair**

Cat No.	Color	Box Qty	Each
80360	Ivory	10	
80361	White	10	



**Binding
Post
1 Pair**

Cat No.	Color	Box Qty	Each
80380	Ivory	10	
80381	White	10	



**Binding
Post
2 Pair**

Cat No.	Color	Box Qty	Each
80390	Ivory	10	
80391	White	10	



**Banana
Jack
2 Pair**

Cat No.	Color	Box Qty	Each
80370	Ivory	10	
80371	White	10	



**Single
Coax**

Cat No.	Color	Box Qty	Each
80410	Ivory	10	
80411	White	10	



**Double
Coax**

Cat No.	Color	Box Qty	Each
80420	Ivory	10	
80421	White	10	



**Triple
Coax**

Cat No.	Color	Box Qty	Each
80430	Ivory	10	
80431	White	10	

WIRING DEVICES

UL & CSA Listed Telephone & Coax Plates

Telephone Products Are Constructed With UL94V-0 Flame Retardant Plastic And 50 Micro Inches of Gold Plating. They Comply with UL Standard 1863 and Article 800-51 of The National Electrical Code.



FLUSH PHONE JACK

Smooth Plate
4 Conductor RJ11
Meets FCC Requirements



Cat No.	Color	Bag Qty	Master Box Qty	Each
80010	Ivory	10	100	
80011	White	10	100	
80012	Brown	10	100	
80013	Lt Almond	10	100	



DUPLEX PHONE JACK

Smooth Plate
4 Conductor RJ11
Meets FCC Requirements



Cat No.	Color	Bag Qty	Master Box Qty	Each
80020	Ivory	10	100	
80021	White	10	100	
80023	Lt Almond	10	100	



COMBINATION PHONE/CATV JACK

Smooth Plate
4 Conductor RJ11
Meets FCC Requirements



Cat No.	Color	Bag Qty	Master Box Qty	Each
80056	Ivory	10	100	
80057	White	10	100	
80059	Lt Almond	10	100	



DECORATOR PHONE JACK

4 Conductor RJ11
Plate & Jack are One Piece
Meets FCC Requirements



Cat No.	Color	Bag Qty	Master Box Qty	Each
80060	Ivory	10	100	
80061	White	10	100	



DECORATOR DUPLEX PHONE JACK

4 Conductor RJ11
Plate & Jack are One Piece
Meets FCC Requirements



Cat No.	Color	Bag Qty	Master Box Qty	Each
80070	Ivory	10	100	
80071	White	10	100	



DECORATOR COMBINATION PHONE/CATV JACK

4 Conductor RJ11
Plate & Jack are One Piece
Meets FCC Requirements



Cat No.	Color	Bag Qty	Master Box Qty	Each
80080	Ivory	10	100	
80081	White	10	100	



DECORATOR PHONE JACK

4 Conductor RJ11
Plate & Jack - 2 Pieces
Meets FCC Requirements



Cat No.	Color	Bag Qty	Master Box Qty	Each
80160	Ivory	10	100	
80161	White	10	100	
80163	Lt Almond	10	100	



DECORATOR DUPLEX PHONE JACK

4 Conductor RJ11
Plate & Jack - 2 Pieces
Meets FCC Requirements



Cat No.	Color	Bag Qty	Master Box Qty	Each
80170	Ivory	10	100	
80171	White	10	100	
80173	Lt Almond	10	100	



DECORATOR COMBINATION PHONE/CATV JACK

4 Conductor RJ11
Plate & Jack - 2 Pieces
Meets FCC Requirements



Cat No.	Color	Bag Qty	Master Box Qty	Each
80180	Ivory	10	100	
80181	White	10	100	
80183	Lt Almond	10	100	



MIDSIZE FLUSH PHONE JACK

Smooth Plate
4 Conductor RJ11
Meets FCC Requirements

Size 3-1/8"X4-7/8"

Cat No.	Color	Bag Qty	Master Box Qty	Each
87010	Ivory	10	100	
87011	White	10	100	
87013	Lt Almond	10	100	



MIDSIZE DUPLEX PHONE JACK

Smooth Plate
4 Conductor RJ11
Meets FCC Requirements

Size 3-1/8"X4-7/8"

Cat No.	Color	Bag Qty	Master Box Qty	Each
87020	Ivory	10	100	
87021	White	10	100	
87023	Lt Almond	10	100	



MIDSIZE COAX JACK

Smooth Plate
With F-81 Fitting

Size 3-1/8"X4-7/8"

Cat No.	Color	Bag Qty	Master Box Qty	Each
87510	Ivory	10	100	
87511	White	10	100	
87513	Lt Almond	10	100	



WIRING DEVICES

UL & CSA Listed Telephone & Coax Plates

Telephone Products Are Constructed With UL94V-0 Flame Retardant Plastic And 50 Micro Inches of Gold Plating. They Comply with UL Standard 1863 and Article 800-51 of The National Electrical Code.



CABLE TV JACK
Smooth Plate
With F-81 Fitting



Cat No.	Color	Bag Qty	Master Box Qty	Each
85010	Ivory	10	100	
85011	White	10	100	
85012	Brown	10	100	
85013	Lt Almond	10	100	



DOUBLE CABLE TV JACK
With F-81 Fittings



Cat No.	Color	Bag Qty	Master Box Qty	Each
85020	Ivory	10	100	
85021	White	10	100	
85023	Lt Almond	10	100	



DOUBLE COAX SINGLE PHONE JACK
Smooth Plate
4 Conductor RJ11
Meets FCC Requirements



CAT NO.	COLOR	BAG QTY	MASTER BOX QTY	EACH
85030	Ivory	10	100	
85031	White	10	100	
85033	Lt Almond	10	100	



DECORATOR CABLE TV JACK
Plate & Jack are One Piece



Cat No.	Color	Bag Qty	Master Box Qty	Each
85015	Ivory	10	100	
85016	White	10	100	



DECORATOR DUPLEX CABLE TV JACK
Plate & Jack are One Piece



Cat No.	Color	Bag Qty	Master Box Qty	Each
85120	Ivory	10	100	
85121	White	10	100	



DECORATOR DOUBLE COAX SINGLE PHONE JACK
4 Conductor RJ11
Plate & Jack – 2 Pieces
Meets FCC Requirements



Cat No.	Color	Bag Qty	Master Box Qty	Each
85230	Ivory	10	100	
85231	White	10	100	
85233	Lt Almond	10	100	



DECORATOR CABLE TV JACK
Plate & Jack – 2 Pieces



Cat No.	Color	Bag Qty	Master Box Qty	Each
85115	Ivory	10	100	
85116	White	10	100	
85118	Lt Almond	10	100	



DECORATOR DUPLEX CABLE TV JACK
Plate & Jack – 2 Pieces



Cat No.	Color	Bag Qty	Master Box Qty	Each
85220	Ivory	10	100	
85221	White	10	100	
85223	Lt Almond	10	100	



SURFACE MOUNT WALL JACK
4 Conductor RJ11
Meets FCC Requirements



Cat No.	Color	Bag Qty	Master Box Qty	Each
80050	Ivory	10	100	
80051	White	10	100	
80052	Lt Almond	10	100	



PLASTIC WALL PHONE PLATE
4 Conductor RJ11
Meets FCC Requirements
Used in Kitchens



Cat No.	Color	Bag Qty	Master Box Qty	Each
80030	Ivory	10	100	
80031	White	10	100	
80033	Lt Almond	10	100	



6 CONDUCTOR FLUSH PHONE JACK
Smooth Plate RJ14
Meets FCC Requirements



Cat No.	Color	Bag Qty	Master Box Qty	Each
86010	Ivory	10	100	
86011	White	10	100	
86013	Lt Almond	10	100	



DOUBLE SURFACE MOUNT WALL JACK
4 Conductor RJ11
Meets FCC Requirements
For 2 Separate Phone Lines



Cat No.	Color	Bag Qty	Master Box Qty	Each
80053	Ivory	10	100	
80054	White	10	100	
80055	Lt Almond	10	100	

Cat 5E (RJ-45) Unshielded Keystone Jacks (Toolless)



- No Tooling Needed
- Use for Voice or Data
- 8 Position, 8 Contact
- 568A & 568B Wiring - Color Coded
- Contacts have 50u Gold Plating
- Connector has UL94V-0 Plastic
- Accepts 22-26 AWG Solid & Stranded Wire



IDC Terminal Has Plastic Cap Which Pushes Wire Into the Connector and Therefore Needs No Tooling for Easy Installation

Cat No.	Color	Bag Qty	Each
88010	Ivory	10	
88011	White	10	

Cat 3 (RJ-45) Unshielded Keystone Jacks (Toolless)



- No Tooling Needed
- Use for Voice
- 8 Position, 8 Contact
- 568A & 568B Wiring - Color Coded
- Contacts have 50u Gold Plating
- Connector has UL94V-0 Plastic
- Accepts 22-26 AWG Solid & Stranded Wire



IDC Terminal Has Plastic Cap Which Pushes Wire Into the Connector and Therefore Needs No Tooling for Easy Installation

Cat No.	Color	Bag Qty	Each
88000	Ivory	10	
88001	White	10	

Cat 5E 110 TYPE (RJ-45) Unshielded Keystone Jacks



**PUNCH DOWN TOOL
NEEDED**

- Use for Voice or Data
- 110 & Krone Type Termination
- 8 Position, 8 Contact
- 568A & 568B Wiring - Color Coded
- Contacts have 50u Gold Plating
- Connector has UL94V-0 Plastic
- Accepts 22-26 AWG Solid & Stranded Wire
- Amp Compatible



Cat No.	Color	Bag Qty	Each
88020	Ivory	10	
88021	White	10	
88022	Blue	10	
88023	Red	10	
88024	Yellow	10	
88025	Black	10	
88026	Green	10	
88027	Orange	10	
88028	Lt. Almond	10	

Cat 5E Vertical 12 Port Patch Panels



- This Compact High Density 12 Port Cat 5E Patch Panel is perfect for the Small Network Installation
- H10" X W2.25" X D1.75"
- Top Entry Type, 568B Wiring, 110 Type
- Accepts Krone & 110 Impact Tool
- 89D Bracket Included for Mounting

Cat No.	Ports	Each
88042	12 Port Vertical	

Cat 5E High Density Patch Panels



- Top Entry Type
- 568B Wiring
- 110 Type
- Accepts Krone & 110 Impact Tool

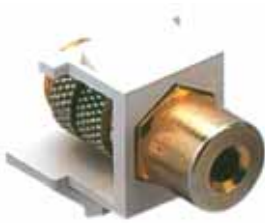


Cat No.	Ports	Dimensions	Each
88044	24 Port Patch Panel	H1.75" X W19" X D1.32"	
88046	48 Port Patch Panel	H3.50" X W19" X D1.32"	



WIRING DEVICES

RCA Modular Inserts



Cat No.	Color	Bag Qty	Each
88230	Ivory	10	
88232	White	10	

BNC Modular Inserts



Cat No.	Color	Bag Qty	Each
88212	Ivory	10	
88214	White	10	

“ST” Fiber Optic Modular Inserts



Cat No.	Color	Bag Qty	Each
88220	Ivory	10	
88222	White	10	

“F” CATV Modular Inserts



Cat No.	Color	Bag Qty	Each
88216	Ivory	10	
88218	White	10	
88219	Lt. Almond	10	

Blank Modular Inserts



Cat No.	Color	Bag Qty	Each
88224	Ivory	10	
88226	White	10	
88227	Lt. Almond	10	

Cat 5E UTP Coupler Female To Female RJ-45



Cat No.	Color	Bag Qty	Each
88240	Black	10	

Hinged Wall-Mount Brackets



- Hold panels 6" from wall
- Provides a rear cable entry
- Opening for easy cable access
- Threaded holes follow standard EIA pattern

Cat No.	Height	Panel	Each
88052	1-3/4"	24 Port	
88054	3-1/2"	48 Port	

Single Gang Surface Mount Box Housing Only – Accepts Keystone Jacks



Cat No.	Color	Bag Qty	Each
88252	Ivory	10	
88254	White	10	

Double Gang Surface Mount Box Housing Only – Accepts Keystone Jacks



Cat No.	Color	Bag Qty	Each
88256	Ivory	10	
88258	White	10	



1 Piece Patchcord Strain Reliefs

- Protects the connector
- Used as color-codes for different departments, work stations or cable functions
- Attached before RJ45 plugs are terminated
- Can't be removed after termination

Cat No.	Color	Bag Qty	Each
88512	Black	10	
88514	Green	10	
88516	Yellow	10	
88518	Ivory	10	
88520	Gray	10	
88522	Blue	10	
88524	Red	10	

Cat 5E UTP Patchcords



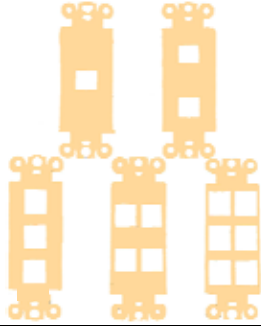
- Blue Cord
- 100% Tested To meet T568B CAT 5E standards
- 2-RJ45 Gold Plated 50u 8P8C Plugs
- Stranded 24AWG 4 Pair Wire Provides Maximum Flexibility

Cat No.	Length	Each
88312	3'	
88314	5'	
88318	10'	
88320	14'	
88322	20'	

WIRING DEVICES

Decorator Wallplate For Keystone Jacks & Modular Inserts

Note that Decorative 4 and 6 gang plates can only be used with modular inserts 88010/88011 Jacks (pg 130) & Modular Inserts (pg 131)



Cat No.	Color	Ports	Bag Qty	Each
88102	Ivory	1	10	
88104	Ivory	2	10	
88106	Ivory	3	10	
88108	Ivory	4	10	
88110	Ivory	6	10	
88112	White	1	10	
88114	White	2	10	
88116	White	3	10	
88118	White	4	10	
88120	White	6	10	
88122	Lt. Almond	1	10	
88124	Lt. Almond	2	10	
88126	Lt. Almond	3	10	
88128	Lt. Almond	4	10	
88130	Lt. Almond	6	10	

Wallplate For Keystone Jacks & Modular Inserts



Cat No.	Color	Ports	Gang	Bag Qty	Each
88142	Ivory	1	1	10	
88144	Ivory	2	1	10	
88146	Ivory	3	1	10	
88148	Ivory	4	1	10	
88150	Ivory	6	1	10	
88152	Ivory	12	2	10	
88162	White	1	1	10	
88164	White	2	1	10	
88166	White	3	1	10	
88168	White	4	1	10	
88170	White	6	1	10	
88172	White	12	2	10	
88182	Lt. Almond	1	1	10	
88184	Lt. Almond	2	1	10	
88186	Lt. Almond	3	1	10	
88188	Lt. Almond	4	1	10	
88190	Lt. Almond	6	1	10	

Junction Box

With Mounting Block
4 Conductor – Ivory



For 2 Phone Lines

Cat No.	Box Qty	Each
40070	50	

Cord Ends



Note that 40120 RJ11 Cord End will fit into a RJ45 Wall Jack

Cat No.	Type	Usage	Bag	Each
40120	RJ11	Wall Jacks	10	
40122	RJ22	Hand Cord Sets	10	
88612	RJ45	Cat5e Wall Jacks	10	

Stainless Steel Phone Jack



4 Conductor RJ11
Used in Kitchens

No.	Box Qty	Each
40040	50	

Cord Coupler

Connects Two Modular Cords
4 Conductor – Ivory



Cat No.	Box Qty	Each
40100	50	

Duplex Adaptor

Convert One Line to 2 Lines
4 Conductor – Ivory



Cat No.	Box Qty	Each
40090	50	

Splitters & 'F' Connectors

Mini 2 Way Splitters



- Allows 2 units to be operated from one source
- Accepts coaxial 'F' fittings

Cat No.	MHz	Type	Bag Qty	Master Box	Each
45025	900	Standard	10	100	

2 Way Splitters With Grounding Block



- Allows 2 units to be operated from one source
- Accepts coaxial 'F' fittings

Cat No.	MHz	Type	Bag Qty	Master Box	Each
45030	900	Standard	10	50	
45032	1000	Digital	10	50	
45034	2050	Satellite	10	50	

3 Way Splitters With Grounding Block



- Allows 3 units to be operated from one source
- Accepts coaxial 'F' fittings

Cat No.	MHz	Type	Bag Qty	Master Box	Each
45040	900	Standard	10	30	
45042	1000	Digital	10	30	
45044	2050	Satellite	10	30	

4 Way Splitters With Grounding Block



- Allows 4 units to be operated from one source
- Accepts coaxial 'F' fittings

Cat No.	MHz	Type	Bag Qty	Master Box	Each
45050	900	Standard	10	30	
45052	1000	Digital	10	30	
45054	2050	Satellite	10	30	

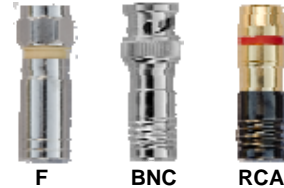
8 Way Splitters With Grounding Block



- Allows 8 units to be operated from one source
- Accepts coaxial 'F' fittings

Cat No.	MHz	Type	Bag Qty	Master Box	Each
45055	900	Standard	1	10	
45057	1000	Digital	1	10	
45059	2050	Satellite	1	10	

Compression Connectors



Push-Lock Design
Used by Cable TV & Satellite Companies

- Design prevents moisture from entering the rear of the connector & an 'O' ring keeps moisture from entering through the nut
- Water-tight seal for outdoor applications & superior durability in all climates
- Compression crimp protects the center conductor from damage
- Permanent connections do not pull off or become loose
- Gold Plated contacts
- RF signal containment ensures strong signal

Cat No.	Type	Bag Qty	Master Bag Qty	Band
F Male Compression				
45072	RG6	10	100	Yellow
45074	RG6U Quad Shield	10	100	Blue
45076	RG59	10	100	Red
BNC Male Compression w/Extra Pin				
45102	RG6 Quad Shield	10	100	
45106	RG59 Quad Shield	10	100	
RCA Male Compression Connector w/Extra Pin & 6 Color Bands				
45112	RG6 Quad Shield	10	100	
45116	RG59U Quad Shield	10	100	

Split Feed Connectors



Cat No.	MHz	Type	Bag Qty	Each
45028	1000	Digital	10	

Terminators



- Attach to unused terminals of splitters, couplers, amplifiers & outlets
- Built-in resistor reduces ghosting & feedback

Cat No.	Bag Qty	Master Bag Qty	Each
45095	10	100	

FEMALE TO FEMALE CONNECTOR



WITH NUT & WASHER

- Couples 2 coaxial cables together that terminate in 'F' plugs

Cat No.	Bag Qty	Master Bag Qty	Each
45100	10	100	

"F" CONNECTOR TWIST ON



- Terminates coaxial cable
- Twist on to prepared cable end

Cat No.	Type	Bag Qty	Master Bag Qty	Each
45080	RG6	10	100	
45090	RG59	10	100	

"F" CONNECTOR CRIMP ON




- Terminates coaxial cable
- Crimp on to prepared cable end

Cat No.	Type	Bag Qty	Master Bag Qty
45060	RG6	10	100
45062	RG6/U Quad Shield	10	100
45070	RG59	10	100

WIRING DEVICES

Switches are Individually Labeled & Bagged in Sealed Hanging Plastic Bags




PULL CHAIN
Brass
With String
SPST, On-Off
6" Leads

6 AMP, 125VAC
3 AMP, 250VAC

R **U** **Ⓢ**

Cat No.	Bag Qty	Each
70010	10	
70011	100 Bulk	




PULL CHAIN
Nickel
With String
SPST, On-Off
6" Leads

6 AMP, 125VAC
3 AMP, 250VAC

R **U** **Ⓢ**

Cat No.	Bag Qty	Each
70020	10	
70021	100 Bulk	




PULL CHAIN
Brass

3 Way/2 Circuit
6" Leads

6 AMP, 125VAC
3 AMP, 250VAC

R **U** **Ⓢ**

Cat No.	Bag Qty	Each
70025	10	




PULL CHAIN
Brass

3 SPEED
OFF-ON-ON-ON
STAB CONNECTIONS

6 AMP, 125VAC
3 AMP, 250VAC

R **U** **Ⓢ**

Cat No.	Bag Qty	Each
70040	10	



MOMENTARY CONTACT

SPST
NORMALLY OFF

6 AMP, 120VAC
3 AMP, 240VAC

R **U** **Ⓢ**

Cat No.	Bag Qty	Each
70140	10	




MOMENTARY CONTACT

SPST
NORMALLY ON

6 AMP, 120VAC
3 AMP, 240VAC

R **U** **Ⓢ**

Cat No.	Bag Qty	Each
70150	10	




PUSH BUTTON

SPST, ON-OFF

8 AMP, 125VAC
4 AMP, 250VAC
1/3HP, 125VAC

R **U** **Ⓢ**

Cat No.	Bag Qty	Each
70160	10	



ROCKER SWITCH

OPENING 7/16" X 1"

16 AMP, 125VAC, 1/3HP
10 AMP, 250VAC, 1/2HP

R **U** **Ⓢ**

Cat No.	Bag Qty	Poles	Circuitry	Each
70180	10	SPST	On-Off	
70181	10	SPDT	On-Off-On	




LIGHTED ROCKER SWITCH

SPST, ON-OFF
OPENING 7/16" X 1"

16 AMP, 125VAC, 1/3HP
10 AMP, 250VAC, 1/2HP

R **U** **Ⓢ**

Cat No.	Bag Qty	Each
70190	10	



PUSH CANOPY
Brass

SPST, ON-OFF
6" LEADS

6 AMP, 125VAC
3 AMP, 250VAC

R **U** **Ⓢ**

Cat No.	Bag Qty	Each
70200	10	




PUSH CANOPY
Nickel

SPST, ON-OFF
6" LEADS

6 AMP, 125VAC
3 AMP, 250VAC

R **U** **Ⓢ**

Cat No.	Bag Qty	Each
70210	10	




ROTARY CANOPY
Brass

SPST, ON-OFF
6" LEADS

1 AMP, 125VAC
3 AMP, 250VAC

R **U** **Ⓢ**

Cat No.	Bag Qty	Each
70220	10	



ROTARY CANOPY
Brass

SPST
OFF-ON-ON-ON
6" LEADS

1 AMP, 125VAC
3 AMP, 250VAC

R **U** **Ⓢ**


Cat No.	Bag Qty	Each
70230	10	



RUBBER COVER AND NUT
For Toggle Switch

- Protects switches from moisture, dirt, salt & spray
- Built-in nut base
- Fits Standard Toggles

Cat No.	Bag Qty	Each
70240	10	
70241	100 Bulk	



ROTARY SWITCH
Black Plastic

SPST, ON-OFF
#18AWG 6" LEADS

3 AMP, 125VAC
1.5 AMP, 250VAC

.60 Dia.
.73 Ht.

Rotary switches are perfect for household appliances, ceiling fixtures and lamps

Cat No.	Bag Qty	Each
70422	10	



WIRING DEVICES

Switches are Individually Labeled & Bagged in Sealed Plastic Bags




TOGGLE SWITCH
Medium Duty

SPST, ON-OFF
6" LEADS

8 AMP, 125VAC
4 AMP, 250VAC
1/3HP, 125VAC

Cat No.	Bag Qty	Each
70050	10	




TOGGLE SWITCH
Medium Duty

SPST, ON-OFF
2 SCREW TERMINALS

15 AMP, 120VAC
10 AMP, 240VAC

Cat No.	Bag Qty	Each
70060	10	




TOGGLE SWITCH
Heavy Duty

SPST, ON-OFF
2 SCREW TERMINALS

20 AMP, 125VAC
10 AMP, 277VAC
3/4HP, 125/250VAC

Cat No.	Bag Qty	Each
70070	10	




TOGGLE SWITCH
Heavy Duty

SPDT, ON-OFF-ON
3 SCREW TERMINALS

20 AMP, 125VAC
10 AMP, 277VAC
3/4HP, 125/250VAC

Cat No.	Bag Qty	Each
70080	10	




TOGGLE SWITCH
Heavy Duty

SPDT, ON-ON
3 SCREW TERMINALS

20 AMP, 125VAC
10 AMP, 277VAC
3/4HP, 125/250VAC

Cat No.	Bag Qty	Each
70090	10	




TOGGLE SWITCH
Heavy Duty

DPST, ON-OFF
4 SCREW TERMINALS

20 AMP, 125VAC
10 AMP, 277VAC
1-1/2HP 125/250VAC

Cat No.	Bag Qty	Each
70100	10	




TOGGLE SWITCH
Heavy Duty

DPDT, ON-OFF-ON
6 SCREW TERMINALS

20 AMP, 125VAC
10 AMP, 277VAC
1-1/2HP 125/250VAC

Cat No.	Bag Qty	Each
70110	10	




NONMETALLIC TOGGLE SWITCH
Heavy Duty

SPST, ON-OFF
2 SCREW TERMINALS

20 AMP, 125VAC
10 AMP, 277VAC

Cat No.	Bag Qty	Each
70120	10	




TOGGLE SWITCH
Heavy Duty

DPDT, ON-ON
6 SCREW TERMINALS

20 AMP, 125VAC
10 AMP, 277VAC
1-1/2HP 125/250VAC

Cat No.	Bag Qty	Each
70130	10	




TOGGLE SWITCH
MOMENTARY = ()
Heavy Duty

SPST, OFF-(ON)
2 SCREW TERMINALS

20 AMP, 125VAC
10 AMP, 277VAC
3/4HP 125/250VAC

Cat No.	Bag Qty	Each
70250	10	




TOGGLE SWITCH
MOMENTARY = ()
Heavy Duty

SPDT, ON-OFF-(ON)
3 SCREW TERMINALS

20 AMP, 125VAC
10 AMP, 277VAC
3/4HP 125/250VAC

Cat No.	Bag Qty	Each
70270	10	




TOGGLE SWITCH
MOMENTARY = ()
Heavy Duty

SPDT, (ON)-OFF-(ON)
3 SCREW TERMINALS

20 AMP, 125VAC
10 AMP, 277VAC
3/4HP 125/250VAC

Cat No.	Bag Qty	Each
70280	10	




TOGGLE SWITCH
MOMENTARY = ()
Heavy Duty

DPST, ON-(OFF)
4 SCREW TERMINALS

20 AMP, 125VAC
10 AMP, 277VAC
1-1/2HP 125/250VAC

Cat No.	Bag Qty	Each
70260	10	




TOGGLE SWITCH
MOMENTARY = ()
Heavy Duty

DPDT, ON-OFF-(ON)
6 SCREW TERMINALS

20 AMP, 125VAC
10 AMP, 277VAC
1-1/2HP 125/250VAC

Cat No.	Bag Qty	Each
70290	10	



TOGGLE SWITCH
MOMENTARY = ()
Heavy Duty

DPDT, (ON)-OFF-(ON)
6 SCREW TERMINALS

20 AMP, 125VAC
10 AMP, 277VAC
1-1/2HP 125/250VAC

Cat No.	Bag Qty	Each
70300	10	

Heavy-Duty Toggle Switches - 3 Pole & 4 Pole



- Great for power tool and motor control switch applications
- Rugged long-wearing solid brass/nickel-plated bushings
- ½ in. Diameter mounting hole
- Screw Terminals
- Individually bagged, 10 per Master Bag



Cat. No.	Poles	Circuitry	Number of Terminals	Amps 125 VAC	Amps 277VAC	HP 125-250 VAC	Dimensions L" x W" x H"	Bag Qty	Each
70301	3PST	On-Off	6	15	10	¾	1.31x1.09x.80	10	
70302	3PDT	On-On	9	15	10	¾	1.31x1.09x.80	10	
70303	3PDT	On-Off-On	9	15	10	¾	1.31x1.09x.80	10	
70304	4PST	On-Off	8	15	10	¾	1.31x1.44x.80	10	
70305	4PDT	On-On	12	15	10	¾	1.31x1.44x.80	10	
70306	4PDT	On-Off-On	12	15	10	¾	1.31x1.44x.80	10	



Pull Chain Lampholder

Medium Base, Incandescent, Aluminum Brass Dipped 250W, 250V

Cat No.	Type	Bag Qty	Each
45200	On-off	10	
45203	3-Way	10	



Keyless Lampholder

Medium Base, Incandescent Aluminum Brass Dipped 660W, 250V

Cat No.	Bag Qty	Each
45205	10	



Push Thru Lampholder

Medium Base, Incandescent, On/Off Aluminum Brass Dipped 660W, 250V

Cat No.	Bag Qty	Each
45210	10	



Turn Knob Lampholder

Medium Base, Incandescent Aluminum Brass Dipped 250W, 250V

Cat No.	Type	Bag Qty	Each
45215	On-off	10	
45220	3-Way	10	



T-8 Low Profile Lampholder

Medium Bi-Pin Fluorescent Slide-On with Captive Nut Push Wire Terminations 660W, 600V

Cat No.	Bag Qty	Each
45225	10	



T-8 Tall Profile Lampholder

Medium Bi-Pin Fluorescent Slide-On with Captive Nut Push Wire Terminations 660W, 600V

Cat No.	Bag Qty	Each
45226	10	



Single Pin Lampholder

Fluorescent Pedestal Type Single Pin Lamp Fa8, Slide-On Base Push Wire Terminations 660W, 1000V

Cat No.	Type	Bag Qty	Each
45232	Plunger	10	
45233	Fixed	10	



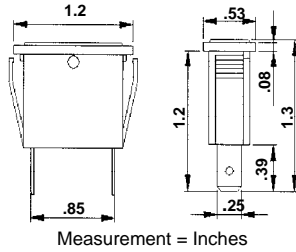
High Output Lampholder

Pedestal Type for High Output Lamp R17d Slide-On Base Push Wire Terminations 660W, 1000V

Cat No.	Type	Bag Qty	Each
45234	Plunger	10	
45235	Fixed	10	

WIRING DEVICES

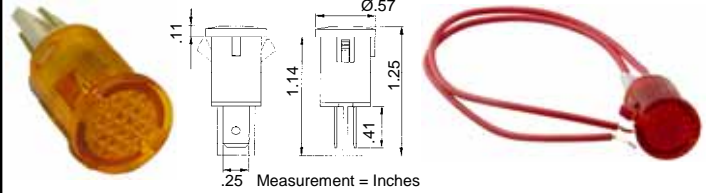
Rectangular Indicator Pilot Lamp



250VAC Incandescent

Cat No.	Color	Bag Qty	Each
70310	Green	10	
70311	Red	10	
70312	Amber	10	

Round Indicator Pilot Lamp Incandescent



Cat No.	Color	Ratings	Termination Style	Bag Qty	Each
70320	Green	250VAC	Spade	10	
70321	Red	250VAC	Spade	10	
70322	Amber	250VAC	Spade	10	
70323	Green	125VAC	6" Wire Leads	10	
70324	Red	125VAC	6" Wire Leads	10	
70325	Amber	125VAC	6" Wire Leads	10	
70326	Green	24VDC	6" Wire Leads	10	
70327	Red	24VDC	6" Wire Leads	10	
70328	Amber	24VDC	6" Wire Leads	10	

Major Appliance Air Conditioner Cords



- 15A 120 Volt Parallel Blades
- 14/3 SPT-3 Cord w/ground
- Beige Color

Cat No.	Length	Box Qty	Each
89212	3'	24	
89214	6'	24	
89216	9'	12	
89218	12'	12	
89220	15'	12	

3 Outlet Heavy Duty T-Tap Extension Cord



- 2 Foot Length, Orange Color
- 15 Amp-125 Volt, 12/3 STW Cord
- Approved Under OSHA Standards For Outdoor and Indoor Use

Cat No.	Length	Box Qty	Each
89312	2'	12	

3 Outlet Power Adapter



- 15A/125V
- Converts Single Grounded Outlet to Provide Three Grounded Outlets
- Unbreakable Hard Rubber Material

Cat No.	Case Qty	Each
89412	144	

Lightning Arrester / Surge Suppressor



#89112



#89114



- Model 89114 has indicator light that shows surge protection is present, ground present and power on
- Installs at electrical panel, electrical disconnect
- cULus Listed, ANSI/IEEE C62.11
- Hardwire parallel connection
- Unlimited (Parallel Installation) continuous current
- Response Time: <5 nSec Installed, <1 nSec component level
- MCOV: 130 VAC (L - G), 260 VAC (L - L)
- Operating Frequency: 0 - 400 Hz
- AC protection Modes: L - L & L - G
- Service Voltage: 120/240 VAC Single Phase
- Black high impact plastic housing
- Housing size: 3" x 2.25" x .75"

Cat No.	Indicator Light	Surge Current	Max Energy Dissipation	Case Qty	Each
89112	No	50,000 A.	420 Joules	48	
89114	Yes	100,000 A.	840 Joules	48	

WIRING DEVICES

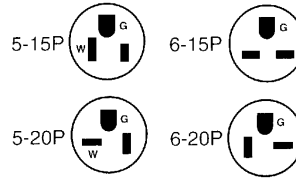
Straight Blade Plugs and Connectors



Straight Plug



Angle Plug



- Rugged construction resists impact, sunlight, chemicals and rough use
- All contacts are solid one-piece brass for better conductivity
- Heavy-duty power contacts set in deep pockets to resist damage

Cat No.	Amps	Volts	NEMA#	Box Qty	Each
Straight Plug					
89612	15	125	5-15P	10	
89614	20	125	5-20P	10	
89616	15	250	6-15P	10	
89618	20	250	6-20P	10	
Angle Plug					
89632	15	125	5-15P	10	
89634	20	125	5-20P	10	
89636	15	250	6-15P	10	
89638	20	250	6-20P	10	

Locking Receptacles

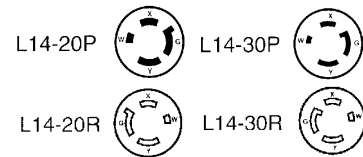


- 3 Pole 4 Wire
- 125/250 VAC
- Industrial Grade

Cat No.	Amps	NEMA #	Box Qty	Each
89742	20	L14-20R	10	
89744	30	L14-30R	10	

Twist Lock Connectors

These styles commonly used for Most Generators



Cat No.	Type	Amps	Volts	NEMA#	Box Qty	Each
3 Pole 4 Wire 20 Amp 125-250VAC						
89752	Male Cap	20	125/250	L14-20P	10	
89754	Female	20	125/250	L14-20R	10	
3 Pole 4 Wire 30 Amp 125-250VAC						
89756	Male Cap	30	125/250	L14-30P	10	
89758	Female	30	125/250	L14-30R	10	

Feed-Thru Cord Switches



- 3 Amp 250 VAC, 6 Amp 125 VAC
- Miniature Single Pole
- On-Off Sequence
- Captive Screw
- For use with #18 SPT-1 Wire

Cat No.	Color	Bag Qty
70450	Brown	10
70451	White	10
70452	Black	10

138

Generator Power Cord Sets



These cord sets are designed for use with manual transfer switches, transfer panels, and power inlet boxes. UL listed.
300V SJTOW Rubber Cord
-30°F (-34°C) Outdoor Use & Oil Resistant



Cat No.	Amps	Size	Length	NEMA#	Max Gen Input	Box Qty	Each
89342	20	12/4	10 Ft	L14-20	5 KW	16	
89344	20	12/4	20 Ft	L14-20	5 KW	10	
89346	20	12/4	40 Ft	L14-20	5 KW	5	
89348	30	10/4	10 Ft	L14-30	7.5 KW	10	
89350	30	10/4	20 Ft	L14-30	7.5 KW	6	
89352	30	10/4	40 Ft	L14-30	7.5 KW	3	

Home Network Wiring System

- Provides a fast and easy access point for all voice, audio, video and data connections
- Media Center modules snap into place (no tool required), precise hole spacing allows flexibility for mounting
- Fully integrates, manages and distributes broadband and multimedia services
- Choose between Surface and Recessed units
- Uses multiple knock-outs and pre-punched holes for fast and easy installations
- Includes raised mounting rails to create a clean wiring channel behind mounted modules
- Features 180° captured hinge cover design for easy access and positive closing latch
- Modules can be mounted in Enclosure or mounted as individual units directly on any surface - simply remove existing push pins and insert screw to fasten on desired surface



Home Network Enclosures with Hinged Door



Cat No.	Mounting	Size	Each
87100	Surface	6.7" W x 10.2"H x 3.4"D	
87102	Surface	14.5" W x 18.9"H x 4.3"D	
87106	Flush	14.4" W x 21.3"H x 3.7"D	

- Fully supported broadband and multimedia integration
- Our innovative series of modules and enclosures manage and distribute voice, video, data, and audio on a fully flexible and customizable platform
- All enclosures have a keyed latch installed for positive closure and added security
- Captured hinge cover design allows easy access while eliminating lost parts
- 18 Gauge steel construction provides strength and excellent EMI/RFI protection
- Multiple knock outs and pre punched holes accommodate tie wraps, mounting screws, ground screws, and wire bundles.
- Raised mounting rails provide clean wiring channel behind mounted modules

Television Master Hub



- Television distribution to 6 rooms
- Accepts 2 inputs allowing insertion of video camera feed
- Built-In Amplifier, 0db insertion loss
- Return loss 10dB—isolation 20dB
- 9VDC 300mA power supply included
- 6-1/2" (W) x 2-7/8" (H) x 1" (D)

Cat No.	Each
87158	

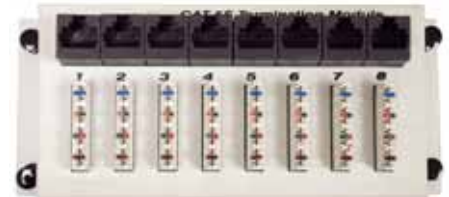
Telephone Master Hub



- Extends 4 lines (phone, fax, or modem) to 6 rooms
- Expandable Cat5 telephone hub
- Integral RJ-31X security interface and RJ-45 expansion jack
- 6-1/2" (W) x 2-7/8" (H) x 1" (D)

Cat No.	Each
87154	

Cat5e Data Master Hub



- Allows serviceable termination of data wires from 8 locations
- Color coded 110 IDC blocks for simple and secure terminations
- Gold plated RJ-45 terminals provide clean and solid connections
- Conforms to EIA/TIA 568B standards
- 6-1/2" (W) x 2-7/8" (H) x 1" (D)

Cat No.	Each
87156	

Telephone & TV Master Hub



- Extends 4 lines (phone, fax, or modem) to 6 rooms & Cable to 6 locations
- Expandable Cat5 telephone hub
- Integral RJ-31X Security interface & RJ45 expansion jack
- Accepts 2 inputs allowing insertion of video camera feed
- Power supply eliminates insertion loss
- Return loss 10dB - isolation 20dB 9
- 9VDC 300mA power supply included
- 6-1/2" (W) x 4-7/8" (H) x 1" (D)

Cat No.	Each
87152	

Home Network Wiring System

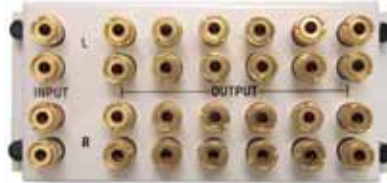
Telephone Expansion Hub



- Adds 8 more telephone extensions to an existing telephone hub
- Use a RJ45 patch cord to jump
- 6-1/2"(W) x 2-7/8"(H) X 1"(D)

Cat No.	Each
87168	

Audio Master Hub



- Distribution of 2 audio channels to 6 rooms
- Solid brass binding posts provide secure connections for 14AWG wire
- Binding post holes are angled for convenient and neat wire installation
- 10mA max - 1.1kVAC max
- 6-1/2" (W) x 2-7/8" (H) x 1" (D)

Cat No.	Each
87160	

120VAC Power Module



- Conveniently provides power within the master enclosure
- Rear 1/2" knockout hole supplied with plastic NM-B cable connector for fast secure installation
- UL listed NEMA 5-15R receptacle
- 6-1/2" (W) x 2-5/8"(H) x 1"(D)

Cat No.	Each
87162	

Video Amplifier



- Full band amplifier for boosting signal for 1-4 locations
- Input signal UHF, VHF, FM & DAB
- Frequency 47MHz - 860MHz
- 6-1/2"(W) x 2-7/8"(H) X 1"(D)

Cat No.	Each
87174	

Ethernet 10/100 Base T Switch



- Conveniently networks PC's to create an integrated home network
- Gold plated RJ-45 terminals provide clean and solid connections
- RJ-45 ports - slide switch uplink auto negotiation all ports
- 12VDC 500mA power supply included
- 6-1/2" (W) x 1" (D)

Cat No.	Ports	Height	Each
87164	5	3-1/4"	
87170	8	4-1/4"	

Audio/Video Modulator



Must install a separate channel filter on CATV line to remove desired channel from incoming service

- Digitally tuned modulator that converts any bassband video & audio signal to a user selected UHF or CATV channel
- View security camera broadcasts at any TV for added home security
- Output channels 14-128 set by dip switch
- 12VDC 500mA power supply included
- 6-1/2"(W) x 3"(H) x 2-3/8"(D)

Cat No.	Each
87166	

Satellite 4-Way Switch



- Provide Satellite TV to 4 locations
- 250 MHz
- 6-1/2"(W) x 4-3/8"(H)

Cat No.	Each
87172	

6 Way CATV Splitter Module



- Takes 1 Coax cable and distributes it up to 6 other locations
- 1 GHz
- 6-1/2"(W) x 2-7/8"(H)

Cat No.	Each
87176	

8 Way CATV Splitter Module



- Takes 1 Coax cable and distributes it up to 8 other locations
- 1 GHz
- 6-1/2"(W) x 2-7/8"(H)

Cat No.	Each
87178	

Home Network Wiring System Module Dimensions 6.5" x 1.75"

1x9 Bridged Voice Module



Basic telephone distribution



- Bridge up to 4 telephone lines to 9 locations
- Connect up to 9 separate phones per line
- Circuit board module, 4-pair 110-type IDC punchdowns
- The first 110 connection is terminated to the demarcation point from the service provider

Cat No.	Each
87112	

8-Port Cat5e Voice/Data Module



Basic Home Networking Expansion Module



- Patch phone or data connections to 8 locations
- Combine with a TLDM, key system, or network hubs for additional applications
- Printed circuit board module
- 4-pair 110-type IDC punchdowns and 8 CAT 5e RJ-45 ports

Cat No.	Each
87114	

Voice & Security Module



Includes Security Interface



- Bridge up to 4 telephone lines to 8 locations
- Connect up to 8 separate telephones per line
- Connect to security system
- Printed circuit board module
- 4-pair 110 type IDC punchdowns

Cat No.	Each
87116	

1x8 Voice & Expansion Module



- Bridge up to 4 telephone lines to 8 locations
- Connect up to 8 separate telephones per line
- Printed circuit board module
- 4-pair 100 type IDC punchdown

Cat No.	Each
87118	

Voice/Data/Security & Exp. Module



Includes Security Interface



- Bridge up to 4 telephone lines to 11 locations
- Printed circuit board module
- One incoming 4-pair 110-type IDC punchdown and 11 outgoing RJ-45 jack connections
- Combine with a Category 5e board to route telephone to remote locations

Cat No.	Each
87120	

1x6 Audio Connection Module



- Supports up to six pairs of speakers
- Combine with volume controls to control up to six pairs of speakers from one amplifier or receiver
- Parallel connection scheme insures sound quality
- User-removable connectors facilitate installation
- Connects with standard fire-related speaker wire

Cat No.	Each
87122	

Voice/Data & Expansion Module



Basic telephone distribution



- Bridge up to 4 telephone lines to 11 locations
- Printed circuit board module
- One incoming 4-pair 110-type IDC punchdown and 11 outgoing RJ-45 jack connections
- Combine with a Category 5e board to route telephone to remote locations

Cat No.	Each
87124	

Video Amplifier UHF/VHF/FM



- Run cable TV or other video signals through the video amplifier before splitting & distributing throughout the home or office
- 30db, 60hz
- Bi-Directional

Cat No.	Each
87128	

WIRING DEVICES

6 Outlet Power Strip



Display Box Packaging

No Protection

- Integrated Circuit Breaker Switch (2 in 1)
- AC 125V/15A
- ABS Plastic Housing
- Mounting Bracket
- UL 1363

Cat No.	Cord Length	Box Qty	Each
89022	6'	36	

6 Outlet Power Strip Surge Protector



Display Box Packaging

Good Protection

- 750 Joules Surge Dissipation
- 500V Clamping Voltage
- Integrated Circuit Breaker Switch (2 in 1)
- Full 3 Line Surge Protection
- EMI/RFI Noise Filter
- LED Indicator
- AC 125V/15A
- ABS Plastic Housing
- Mounting Bracket
- UL 1363 & 1449

Cat No.	Cord Length	Box Qty	Each
89030	4'	36	
89032	6'	36	
89034	12'	36	

6 Outlet Metal Strip Surge Protector



Display Box Packaging

Good Protection

- 750 Joules Surge Dissipation
- 400V (L-N) Clamping Voltage
- 500V (L-G,N-G) Clamping Voltage
- 6000V Max Surge Volts
- 13,500 Amps Max Current Spike
- AC 125V/15A
- Integrated Circuit Breaker Switch

Cat No.	Cord Length	Box Qty	Each
89060	6'	20	

6 Outlet Surge Protector Antenna/CATV Protection



Display Box Packaging

Best Protection

- 1050 Joules Surge Dissipation
- 400V (L-N, N-G) Clamping Voltage
- 500V (L-G) Clamping Voltage
- 6000V Max Surge Volts
- 19,500 Amps Max Current Spike
- AC 125V/15A
- CATV Protection
- Full 3 Line Surge Protection
- EMI/RFI Noise Filter
- LED Surge Indicator
- ABS Plastic Housing

Cat No.	Cord Length	Box Qty	Each
89080	4'	24	

6 Outlet Surge Protector Phone/Fax/Modem Protection



Display Box Packaging

Best Protection

- 1050 Joules Surge Dissipation
- 400V (L-N, N-G) Clamping Voltage
- 500V (L-G) Clamping Voltage
- 6000V Max Surge Volts
- 19,500 Amps Max Current Spike
- AC 125V/15A
- Phone/Fax/Modem Protection
- Full 3 Line Surge Protection
- EMI/RFI Noise Filter
- LED Surge Indicator
- ABS Plastic Housing

Cat No.	Cord Length	Box Qty	Each
89070	6'	24	

9 Outlet Surge Protector Phone/Fax/Modem/CATV Protection



Display Box Packaging

Ultimate Protection

- 2100 Joules Surge Dissipation
- 400V Clamping Voltage
- 6000V Max Surge Volts
- 39,000 Amps Max Current Spike
- AC 125V/15A
- Phone/Fax/Modem/CATV Protection
- Full 3 line surge protection
- EMI/RFI noise filter
- LED surge indicator
- ABS Plastic Housing

Cat No.	Cord Length	Box Qty	Each
89090	6'	20	

6 Outlet Surge Wall Tap Wall Tap



Hanging Card Packaging

- 1050 Joules Surge Dissipation
- 400V (L-N) Clamping Voltage
- 500V (L-G,N-G) Clamping Voltage
- 6000V Max Surge Volts
- 19,500 Amps Max Current Spike
- AC 120V/15A
- Full 3 Line Surge Protection
- EMI/RFI Noise Filter
- LED Surge Indicator
- ABS Plastic Housing

Cat No.	Box Qty	Each
89010	24	

6 Outlet Surge Wall Tap Phone/Fax/Modem Protection



- 420 Joules Surge Dissipation
- 330V Clamping Voltage
- 6500V Max Surge Volts
- 19,500 Amps Max Current Spike
- AC 125V/15A
- Phone/Fax/Modem Protection
- Full 3 Line Surge Protection
- EMI/RFI Noise Filter
- LED Surge Indicator
- ABS Plastic Housing
- Hanging Card Packaging

Cat No.	Box Qty	Each
89012	40	

6 Outlet Surge Wall Tap Antenna/CATV Protection



- 420 Joules Surge Dissipation
- 330V Clamping Voltage
- 6500V Max Surge Volts
- 19,500 Amps Max Current Spike
- AC 125V/15A
- CATV Protection
- Full 3 Line Surge Protection
- EMI/RFI Noise Filter
- LED Surge Indicator
- ABS Plastic Housing
- Hanging Card Packaging

Cat No.	Box Qty	Each
89014	40	

3 Outlet Wall Outlet Surge Protector



Good Protection

Hanging Card Packaging

- 750 Joules Surge Dissipation
- 500V Clamping Voltage
- Full 3 Line Surge Protection
- EMI/RFI Noise Filter
- LED Surge & Wiring Indicator
- AC 125V/15A, Resets Automatically
- UL 498A and 1449

Cat No.	Box Qty	Each
89040	48	

Single Surge Outlet Phone/Fax/Modem Protection



Good Protection

Hanging Card Packaging

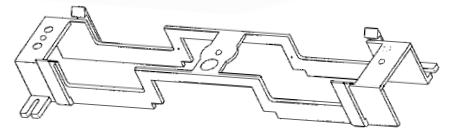
- 750 Joules Surge Dissipation
- 500V Clamping Voltage
- Full 3 Line Surge Protection
- EMI/RFI Noise Filter
- LED Indicator
- Phone/Fax/Modem Protection
- AC 125V/15A
- UL 498A and 1449

Cat No.	Box Qty	Each
89050	60	

25-Pair 66 IDC Wiring Blocks



Wiring Block



Mounting Bracket



Cover

- Hooked contacts for smooth wire placement
- Nickel plating gives secure connection
- Clear plastic cover fits over entire block, protects contacts & allows a clear view of all connections without removing cover
- High-Impact PVC construction

Cat No.	Description	Each
40130	Wiring Block	
40132	Mounting Bracket	
40133	Cover	



WIRING DEVICES



Builders Chime Kit



Contents:
 (1) Chime (white)
 (2) Push buttons (white)
 (1) 16V 10W transformer

- White cover designed to go with any décor
- High quality sound bars provide pleasing tone
- Non-stick buttons & non-stick plungers provide years of trouble free performance
- 28 volt low density bulbs in lit pushbuttons for long life
- Chime Dimensions 7" x 4" x 2"
- Easy installation

Cat No.	Description	Kits/Case	Each Kit
78010	Kit with 2 Unlit Pushbuttons	24	
78020	Kit with 2 Lit Pushbuttons	24	
78000	Chime Only (no buttons or transformer)	24	



Builders Chime Kit With 5/8" Diameter Pushbutton



Contents:
 (1) Chime (White)
 (1) Lit gold rim pearl push button
 (1) 16Volt 10 Watt transformer

- White cover designed to go with any décor
- High quality sound bars provide pleasing tone
- Non-stick buttons & non-stick plungers provide years of trouble free performance
- 28 volt low density bulbs in lit pushbuttons for long life
- Chime Dimensions 7" x 4" x 2"
- Easy installation

Cat No.	Description	Kits/Case	Each Kit
78030	Kit with 1 Lit 5/8" Dia. Pushbutton	24	

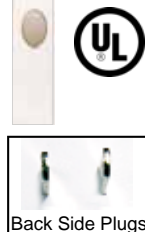
Wireless Battery Powered Door Chime Kit



- 3 different chime tunes (8 note Westminster, 2 note ding dong & 1 note ding)
- Weatherproof pushbutton
- 12V A23 battery included
- 100 ft. operating range
- Receiver takes 2-C batteries (not included)

Cat No.	Description	Case Qty	Each
78040	Wireless Chime with Pushbutton	24	
78049	Wireless Pushbutton Only	—	

Wireless Plug-In Door Chime Kit



- 120 VAC plug fits into any outlet
- 3 different chime tunes (8 note Westminster, 2 note ding dong & 1 note ding)
- Weatherproof pushbutton
- 12V A23 battery included
- 100 ft. operating range

Cat No.	Description	Case Qty	Each
78045	Plug-in Wireless Chime with Pushbutton	24	
78049	Wireless Pushbutton Only	--	

Transformers



- Quality transformers, engineered to ensure long life with bells, buzzers, chimes, door openers, etc.
- 120 VAC Input
- Thermally Protected
- Fits Standard Wiring Knockout
- Class 2 Energy Limiting Type
- Quick Clamp mounting feature allows quick & easy installation



Cat No.	Volts	Case Qty	Each
78200	16V10VA	20	
78202	16V15VA	20	
78204	8V10VA, 16V10VA, 24V20VA	20	
78206	16V30VA	30	
78208	8V20VA, 16V30VA, 24V30VA	30	
78210	24V40VA	30	
78212	10V5VA	20	

Bells



- Satin Aluminum Finish With Snap-On Cover For Easy Installation
- May Be Operated By 6 VDC or 8-16 VAC Transformer

Cat No.	Description	Each
78120	2 1/2" bell	
78130	3" bell	
78140	4" bell	

Buzzer



- Satin Aluminum Finish With Snap-On Cover For Easy Installation
- May Be Operated By 6VDC or 8-16 VAC Transformer

Cat No.	Description	Each
78110	Buzzer	



WIRING DEVICES



Plastic Pushbuttons

- Surface Mount
- Plastic material
- White color
- 7/8" X 2-7/8"

Cat No.	Type	Each
78231	Unlit	
78232	Lit	

Gold Rim Lit Pushbutton



- 5/8" Diameter lighted gold rim pearl pushbutton
- Chrome finish

Cat No.	Each
78220	

Lit Stucco Pushbutton



- 5/8" Diameter Lighted Gold Rim Pearl Button
- 2-1/2" Diameter Gold Anodized aluminum plate and spring set

Cat No.	Each
78240	

Round Push Buttons



- 1-3/4" diameter
- Max 16VDC
- Traditional, round push button
- Attractive brass finish
- Unlit, Surface Mount

Cat No.	Color	Each
78234	Polished Brass	
78235	Antique Brass	

Decorative Pushbuttons



Fig 1



Fig 2



Fig 3

- Lit
- Flush Mount
- 16VDC

Cat No.	Color	Fig	Each
78252	White	1	
78253	Black	2	
78256	Pewter	3	

Electric Door Release



- Commonly used in Apartments & offices
- Allows remote opening when energized
- Reversible for right or left hand doors
- Normally closed or locked
- Mortise type
- Use with 78200 transformer

- For new or replacement, wood or metal
- Brass finish face plate includes 2 brass mounting screws
- 8-16V AC, 3-6V DC
- Face Plate: 1-1/4" x 5-7/8"
- Case: 1-5/16" x 3-5/8" x 1-7/16"
- Latch: 1-3/8" opening

Cat No.	Box Qty	Each
70330	1	

Reed Switch



- Triggers an alarm when doors, windows or similar entry-ways are opened
- SPDT .5 Amp 24VDC
- Magnetic Switch
- Normally Closed & Normally Open
- 3 Terminals
- Adhesive Backing

Cat No.	Color	Bag Qty	Each
70501	White	10	

Roller Ball Contacts



- Suitable for security & alarm systems, signaling circuits and all types of general low voltage switching applications
- Used with Doors or Windows
- Designed to operate when depressed from any angle
- No mechanical wear, dustproof & corrosion resistant
- Low Voltage Only
- 48V AC Max.
- 1 per box with 2 nickel wood screws
- 70332
Door Closed - Circuit Off (light off)
Door Open - Circuit On (light on)
- 70334
Door Closed - Circuit On (light on)
Door Open - Circuit Off (light off)

Cat No.	Type	Contact Volts	Amps AC	Amps DC
70332	Open Circuit On	12	2	2
70334	Open Circuit Off	24	2	1
70336	Make & Break Circuit	48	1	0.5

Door Switch



- Typically used for closets, dark rooms, walk-in refrigerators
- Push button switch with metal box, cover plate and mounting hardware to operate lights when door is opened
- Mounts in door jam
- 6" wire leads
- Fits in 1.25" x 2.75" x 2.0" deep, approximate mounting hole
- Normally on momentary contact
- AC/DC SPST
- 10A/125VAC, 10A.250VAC, 10A/277VAC 1/2HP 125-277VAC



Cat. No.	Box Qty	Each
70420	1	

Multi-Network Cable Tester



- Main unit and one remote allow one person testing of T568A, T568B, 10Base-T, and Token Ring
- Tests & troubleshoots voice communication for open circuits, shorts, miswires, reversals, and split pairs
- SHIELD detection tests a cable's shield integrity
- Easy to read fault display and high speed testing
- Debug mode for detailed fault identification results
- Auto sleep mode and power off switch to decrease power consumption
- Battery low LED indicator

Cat No.	Each
57316	

Coax Network Cable Tester



- Tests for Coaxial Cable (BNC)
- Tests for T568A, T568B, 10Base-T, AT&T258A, and Token Ring Cable
- Automatically checks for open circuits, shorts, miswires and reversals
- SHIELD detection tests a cable's shield integrity
- Easy to read fault display and high speed testing

Cat No.	Each
57318	

LAN Cable Tester & Terminator



FEATURES:

- Hand-held and easy to operate
- Easy to read LCD display, with back light
- Easy to diagnose RJ-45 cables with preset wiring schemes
- Easy to read cable status, verify cable continuity: open, short, and mismatches
- Scan pin assignment
- Automatic cable identification (Cable type search)
- Standard pin configurations and four (4) user defined cable wirings memorized in CPU
- Can save user defined cable directly after testing
- Test for both shielded and unshielded cable types
- Review the captured pin assignment and failure status
- Maximum testing length is up to 3000 feet
- Identify and trace the other end's ID (with up to 16 individual ID (LCT-T)
- Battery low indicator
- Auto power off function
- Includes carrying case and manual

Specifications:

- LCD Display 2 Lines by 12 characters with LED back light
- Connectors: (2) RJ-45 (8P8C) jacks with shields
- Control Keys (3) :**MODE/SEL**, **ESC** and **ENTER** buttons
- Power (1) 9v dry cell battery
- Weight: 180g net

Cable Types:

- Unshielded Twisted Pair (UTP 100 ohms, Cat 3, 4, & 5)
- Foil screened Twisted Pair (FTP 100ohms and 120ohms, Cat, 3,4,&5)
- Shielded Twisted Pair (STP 150 ohms IBM Type 1 & 6)

Cat No.	Each
57910	

2 in 1 LAN Tester & Multimeter



- Tests the correct pin configuration of 10 Base-T cable (Cat. 5), 10 Base-2 cable (coax), RJ45/RJ11 modular cables, 356A, TIA-568A/568B and Token Ring cable
- With remote kit it can test cables up to 300m away, either on wall plate or patch panel
- Verify the cable continuity, open, short, and cross connect
- Can test the ground wire
- Measures DC/AC voltage, DC/AC current, resistance, continuity, and diodes
- 9 volt & (2) AAA batteries included
- Size 162mm x 74mm x 44mm
- Weight 308g

Multimeter Specifications

Function	Max Range	Accuracy
Voltage DC	600V	±0.5%
Voltage AC	600V	±1.2%
Current DC	200mA	±1.5%
Current AC	200mA	±2.0%
Resistance	20MΩ	±0.8%
Continuity Test	Beep if less than 100Ω	

Cat No.	Each
57314	

Tone Generator & Probe



- Identifies the state in the working telephone line (clear, ring, busy) within a group

- Designed to identify and trace wires or cables without damaging insulation
- Identifies polarity of a telephone line
- Trace & identify wires in a bundle, at a cross-connect point or remote end
- Can identify split pairs when one wire from a pair has been terminated
- Used to send or trace a tone
- Use on twisted pair wiring (telecom/datacom), single conductors, coaxial cables, de-energized AC wiring, & most other wiring
- The probe identifies the signal from the tone generator through drywall, wood & other non-metallic materials
- Continuity test
- Adjustable sensitivity/volume control to increase accuracy
- Recessed On/Off button prevents battery drain.
- Send tone frequency: 1.5KHz, Receives frequency range: 100~300 KHz
- Size: receiver 9.4" x 1.7" x 1", emitter 5.7" x 1.4" x 1"
- Weight: receiver 3.7oz., emitter 4oz. • Power: 6F22(9V)x1

Cat No.	Each
57320	

Light Meter



Measures both footcandle & Lux

- Easy to use Pocket Size & Light Weight
- 3 1/2 Digit LCD Display with Low Battery Indication
- Resolution To 0.1 Lux Measurement; 1 footcandle = 10.76 lux
- Measuring Range 200, 2000, 20000, 50000 Lux
- 20000 Lux: Reading x 10, 50000 Lux: READING x 100
- Accuracy: ±5% Rdg ±10 Digits (<10,000 Lux)
- Accuracy: ±10% Rdg ±10 Digits (>10,000 Lux)
- Calibrated to Standard Incandescent Lamp 2856K
- Includes One 12 Volt Battery
- Photo Detector Dimensions: 4.5" X 2.4" X 1.1"
- Dimensions: 4.5" X 2.5" X 1.1"
- Weight: 5.6 Ounces

Cat No.	Each
59150	

Circuit Tester 80-500 Volts AC/DC



- Economy Twin Lead Tester
- Ideal for Testing Outlets, Switches and other Electrical Devices
- Blister Packed

Cat No.	Box Qty	Each
59010	24	

Circuit Tester 90 to 300 Volts AC/DC



- Bright Neon AC/DC Indicator
- Pocket Clip
- Insulated Casing
- Neon Indicator Glows when the Voltage is Present and Brightens as the Voltage Increases
- Blister Packed

Cat No.	Box Qty	Each
59020	10	

Circuit Tester Tests Low Voltage 5-50 Volts AC/DC



- Alligator Clip Test Leads
- Pocket Clip
- Indicator Brightens as Voltage Increases
- Reinforced Casing

Cat No.	Box Qty	Each
59030	10	

4-Way Circuit Tester 110-220-277-460 Volts AC/DC



- Individual Indicator for each Voltage Assures Reliability
- Bright Neon AC/DC Indicators
- Flexible Reinforced Leads Store in Case
- Convenient Pocket Clip
- Reinforced Casing
- Blister Packed

Cat No.	Box Qty	Each
59070	10	

Receptacle & GFCI Tester



- Instant Display of Wiring Condition of Any Standard 3-Wire AC 110-120 Outlet
- 59090 Also Trips GFCI Receptacle to Indicate Operational
- Neon Indicators Give Positive Indication of Current Status
- Compact Unit Simply Plugs into any Standard 3 Wire/Grounded Receptacle (110-125 Volt AC Circuits)
- Tests for 6 Circuit Conditions: Open Ground, Open Neutral, Open Hot, Hot/Ground Reverse, Hot/Neutral Reverse & Correct Wiring
- Blister Packed

No.	Description	Box Qty	Each
59080	Receptacle Tester	10	
59090	GFI & Receptacle Tester	10	

Screwdriver Probe Voltage Tester 80-250 Volts AC/DC



- Neon Glow Indicates Live Circuit for 80 to 250 Volt AC/DC
- No Test Leads Required
- Pocket Clip
- Insulated Screwdriver Tip

Cat No.	Box Qty	Each
59040	24	

Voltage Probe & Continuity Tester 12-440 Volts AC/DC



- No Test Leads Required
- Tests for Continuity, AC Voltage & Polarity
- Tests for Continuity without Wire Probes on Non-Energized Circuits
- Tests from 12 to 440V AC/DC on Energized Circuits
- LED Indicator Glows when Voltage/Continuity exists
- Handy Screwdriver Tip, Pocket Clip

Cat No.	Box Qty	Each
59050	20	

Non-Contact Power Detector 70-440 Volts AC



- No Direct Electrical Contact & No Current Flow Needed
- Sound & Light Indication of Voltage
- Tests Electrical Lines, Cables, Sockets, Fuses, Switches & More
- Checks for Proper Ground Connection
- Unique Electronic Sensor Locates Breaks Along Live, Insulated Wires & Power Cords
- Distinguishes Polarity
- Detects Leaks in Underground Devices

Cat No.	Box Qty	Each
59110	10	

Non-Contact Power Detector 100-240 Volts AC



- Locates breaks along live, insulated wires and power cord
- Detects voltage at outlet, lighting fixture, circuit breaker, cable
- Convenient pen size fits into pocket or tool pouch
- Audible and visual indication
- 3/16" Detection Distance

Cat No.	Box Qty	Each
59112	20	

Digital Phone Line Tester



- Built-in LED indicator allows testing of RJ11 4&6 position phone outlets for common trouble conditions such as dead or open lines, reversed polarity, & AC voltage

- Detects dangerous digital phone lines or surge analog lines
- Surge suppression circuit protects against voltage spikes & surges
- Tests 2-Line phone systems
- Tests for Polarity
- Uses standard RJ11 jack & plug

Cat No.	Box Qty	Each
59180	20	

Heavy Duty Solenoid Voltage/Continuity Tester



- Test Voltage from 6 to 600V AC/DC
- Test Continuity & Polarity
- Case serves as prod holder for one-hand operation
- Self-storing prods
- Positive or negative DC poles identified by LEDs
- Ergonomic soft PVC housing for comfort grip
- Two AAA batteries included



Cat No.	Each
59100	

Battery, Bulb, Fuse, Continuity Tester



- Multi-purpose test for Battery, Bulb, Fuse, and Continuity tester
- Determines if Battery, Bulb or Fuse is still good
- Audible continuity tester via test probes supplied
- Reading shows up on clear scale
- Operated by one 9V 6F22 battery (not supplied)
- Automatically turns power on and off
- Dimensions: 5.7" x 2.6" x 1.3"
- Weight: 5oz.

Cat No.	Each
59002	

Motor and Phase Rotation Indicator



A handheld, battery-operated instrument designed to detect the rotary field of three-phase systems and determine motor rotation direction. To operate, place indicator on top of motor, making sure that the indicator propeller of motor is connected.

- Determines the Motor Connection
- Non-contact Rotary Field indication
- Determines Rotary Field direction
- Stand alone direction indicator
- Wireless

Cat No.	Each
57088	

Circuit Breaker Finder



- Quickly & easily identifies individual branch circuits at the panel box without interrupting power
- Find circuit breaker for each outlet by plugging transmitter into wall outlet & then moving receiver over circuit breakers using visual & audible indicators to determine correct breaker
- Compact receiver unit features adjustable sensitivity for precise location of breaker
- Visual & Audible Indicators

Cat No.	Each
59155	

Ultrasonic Distance Meter & Wood Stud Finder



- Laser pointer measures from 2 feet up to 50 feet
- Easy-to-read LCD display
- Built-in calculator for measuring areas and volumes
- Adds linear measurements, area and volume
- Memory function
- Choose from meter or foot units
- Stud finder detects wood up to 3/4" with audio indicator & LCD display
- Auto calibration stud detection
- Operated by one 9V battery (not included)

Cat No.	Each
59120	

Voltage/Metal/Wood Detector



- Finds wood, metal studs and joists behind walls, floors, and ceilings
- Detects wood up to 3/4"
- Detects 90-250V within 6" of a hot unshielded wire
- Auto calibration stud detection
- 4 LED's visual and audio indicators
- Operated by one 9V battery (not included)

Cat No.	Each
59122	

Voltage/Metal/Wood Stud Detector with LCD Display



- Detects wood, metal & live wire through drywall & other common wall materials
- Easy to read LCD display & audio signal indicated when target is located
- Locates & Traces hot wires
- Continuously detects the presence of AC voltage for safety
- Detects metal up to 1-1/2"
- Detects voltage up to 3"
- Detects wood up to 3/4", stud deep function detects wood up to 1-1/2"
- Operated by one 9V battery (not included)

Cat No.	Each
59124	

Pocket Infrared Thermometer with Laser Pointer



- Auto power off
- Automatic data hold
- Low battery indicator
- Emissivity fixed at 0.95
- Basic accuracy $\pm 2\%$ or $\pm 2^{\circ}\text{C}/\pm 4^{\circ}\text{F}$
- Backlit LCD display

- Check all types of A/C & heating systems. Monitor performance of appliances such as refrigerator, dishwasher, freezer and oven. Optical resolution 6:1 Distance to spot size ratio (measure in 6" area 1' away)
- Easy to use, hold it within 2' of the area to be measured and push the button.
- LCD screen shows readings in Fahrenheit or Celsius
- Range: -30° to $270^{\circ}\text{C}/-22^{\circ}$ to 518°F
- Uses selectable $^{\circ}\text{C}$ or $^{\circ}\text{F}$
- Laser targeting
- Two "AAA" batteries 1.5V and manual included
- Size: LxWxH 3-13/16" x 2-1/4" x 1-3/16"
- Weight: 2.84oz.

Cat No.	Each
59114	

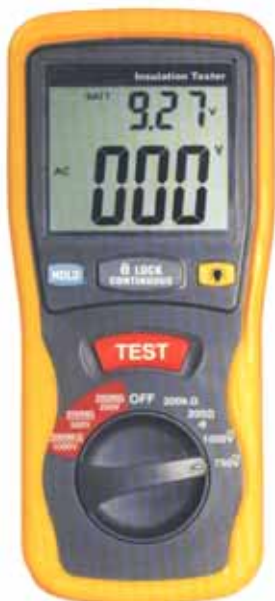
Professional Infrared Thermometer with Laser Pointer



- Safely measure hot, hazardous, or hard to reach materials without touching the materials surface; simply pull the trigger & read the temperature
- Service Applications where temperature plays a role in product quality or equipment maintenance
- Built-in laser pointer locates exact spot for temperature measurement
- Fixed emissivity (0.95) covers 90% of surface applications
- Narrow 12:1 field of view (at 12" distance, measure 1" target)
- Automatic selection range and Resolution to 0.1° up to 200° , 1° over 200°
- $^{\circ}\text{C}/^{\circ}\text{F}$ switchable, auto power off & max hold
- Complete with 9V battery
- Dimensions/Wt.: 8.9X2.2X6.5"/8ounces
- Measuring Ranges: -58° to 329°F (-50° to 200°C) with resolution of $34^{\circ}\text{F}/1^{\circ}\text{C}$
- Basic Accuracy $\pm 1.5\%$ of reading

Cat No.	Each
59116	

Cat III Megohmmeter Digital Insulation Tester



- DCV: $1000\text{V} \pm 0.8\%$,
- ACV: $750\text{V} \pm 1.2\%$
- Resistance: $0-1000\text{M}\Omega \pm 3.0\%$, $1000-2000\text{M}\Omega \pm 5.0\%$
- 1mA test current for $\text{M}\Omega$ range for rated voltage
- Continuity Beeper 200mA short current for continuity range
- Secondary injection molding case
- Meets IEC10101, CATIII 1000V
- Large LCD dual display with backlight
- Data hold & output voltage lock function
- Easy to carry testing package over range indication
- 250V, 500V, 1000V output voltage for insulation $\text{M}\Omega$ testing
- Lo Ω function for testing connections
- Low battery indication
- Includes 6 AA batteries, test leads and plastic carrying case
- Size (LxWxH) 7-7/8" x 3-5/8" x 2"
- Weight 2-1/2lbs. (with batteries)

Cat No.	Each
57080	

Earth Resistance Clamp Meter



For testing grounds & bonding. Neither supplementary earth leads nor break earth equipment is necessary. Ground resistance results can be safe and fast only by clamping the ground line. Additionally, current testing is also provided. This high sensitivity clamp meter can measure the leakage current to 1mA & neutral current to 20A RMS. This tester is widely used in the field of electric power distribution, telecommunication, architectural ground & testing industrial electronic equipment.

- 0.01Ω high accuracy for low resistance measurement
- 0.001Ω high resolution
- Record 99 resistance measurement values
- Set alarm threshold in 1Ω to 100Ω
- Measure leakage current and neutral current
- 1.8" X 1.3" large jaws of exactitude measurement probe
- Battery capacity indicator
- Digital measurement, autorange,
- Double insulation, strengthen the interference resistance
- One second per test gives quick measurement
- Display: LCD 3 3/4 digits

Specification	Range	Accuracy	Resolution
Resistance	0.01Ω ~ 0.999Ω	±1.5%+0.01Ω	0.001Ω
	1Ω ~ 9.99Ω	±1.5%+0.1Ω	0.01Ω
	10Ω ~ 99.9Ω	±2.0%+0.3Ω	0.1Ω
	100Ω ~ 199.9Ω	±3.0%+0.01Ω	1Ω
	200Ω ~ 400Ω	±6.0%+5Ω	5Ω
	400Ω ~ 600Ω	±10%+10Ω	10Ω
Current	600Ω ~ 1200Ω	Approx. 20%	20Ω
	100mA	±(2.5% + 1 mA)	0.1mA
	300mA	±(2.5% + 2 mA)	0.1mA
	1A	±(2.5% + 0.003 mA)	0.001A
	3A	±(2.5% + 0.01A)	0.003A
	10A	±(2.5% + 0.03A)	0.01A
	20A	±(2.5% + 0.05A)	0.03A

Cat No.	Each
57276	

Cat III Clamp Leaker Meter



- Measuring Function: AC current
- Clamp Diameter: max Φ1.22"
- Display LCD 1999 counts with unit
- Manual Range: 200mA / 150A
- Accuracy: ±2.0%
- Cable Voltage: ≤AC 600V
- Meet Safety Standard: IEC1010-1 & IEC1010-2-032 600V CAT-III
- Power: 2 X 1.5V size AAA
- Dimension: 7" X 2.3" X 1.1"
- Weight: 4oz.

Cat No.	Each
57278	

Analog Multimeter



- AC Voltage: 10/50/250/500V
- DC Voltage: 2.5/10/50/250/500V
- DC Current: 500u/10m/250mA
- Resistance: 2K/200K Ohms Max
- Battery Test 1.5V & 9V
- Overload Protection
- Power Source: One AA (1.5V) Battery
- Dimensions: 2.5" X 4.0" X 1.25"
- Weight: 3.4 oz.
- Accessories: Test Leads, Battery & Instruction Manual
- Blister Packed

Cat No.	Description	Each
57010	Multimeter	
51050	Replacement Test Leads	

Digital Multimeter



- AC Voltage: 200/600V+/-1.2%
- DC Voltage: 200mV/2V/200V+/-0.5, 600V+/-0.8%
- DC Current: 200uA/2000uA/20mA/200mA+/-1.0%, 10A+/-3.0%
- Resistance: 200/2K/20K/200K/2M+/-0.8%
- Diode Test: Tests Current 1.0mA, Test Voltage 3V
- Display: 3 1/2 Digit LCD, Max. Reading 3999
- Transistor Test 1-1000
- Overload Protection
- Power Source: 9V Battery
- Dimensions: 2.75" X 4.96" X 1.1"
- Weight: 5.25 oz.
- Accessories: Test Leads, Battery & Instruction Manual
- Blister Packed

Cat No.	Description	Each
57020	Multimeter	
51054	Replacement Test Leads	

Super Mini Digital Multimeter with Rubber Holster



FITS IN YOUR SHIRT POCKET

- AC Voltage: 200/500V+/-1.8%
- DC Voltage: 200m/2000m/20/200/500V+/-0.5%
- DC Current: 2m/20m/200mA+/-1.0%
- Resistance: 200/2000/20K/200K/2M+/-0.8%
- Diode Test: Tests Current 1.6mA Max, Test Voltage 3V Max
- Display: 3 1/2 Digit LCD, Max Reading 1999
- Continuity Buzzer
- Battery Test
- IEC 1010-1 CAT II 500V
- Power Source: 12 VOLT
- Dimensions: 1.89" X 3.94" X 1.02"
- Weight: 1.6 oz.
- Accessories: Holster, Test Leads, Battery & Instruction Manual
- Blister Packed

Cat No.	Description	Each
57050	Multimeter	
51052	Replacement Test Leads	

Pocket Digital Multimeter with Vinyl Case



- AC Voltage: 200/450V+/-1.2%
- DC Voltage: 2/20/200/450V+/-0.5%
- DC Current: 200mA+/-1.2%
- Resistance: 2000/20K/200K/2M/20M+/-1.0%
- Diode Test: Tests Current 1.6mA Max, Test Voltage 3V Max
- Continuity Buzzer
- Polarity: Automatic (-) Negative Polarity Indication
- Zero Adjustment: Automatic
- Overload Protection: 200mA and 0.2 Amp Fuse Protection
- Display: 3 1/2 Digit LCD, Max Reading 1999
- Power Source: 12V A23 EL12 Button Cell Battery
- Dimensions: 2.24" X 4.27" X .55"
- Weight: 2.5 oz.
- Accessories: Case, Test Leads, Battery & Instruction Manual
- Blister Packed

Cat No.	Description	Each
57060	Multimeter	

Digital Multimeter with Rubber Holster



- AC Voltage: 200/600V+/-1.2%
- DC Voltage: 200mV/2V/20V/200V+/-0.5%
600V+/-0.8%
- DC Current: 200uA/2mA/20mA/200mA +/-1%
10A +/-3%
- Resistance: 200/2K/20K/200K/2M +/-0.8%
- Diode Test: Tests Current 1.0mA
- Hfe Transistor Test
- Audible Continuity Test
- Data Hold
- Back Lit
- Overload Protection
- Power Source: 6F22(9V) X 1
- Fuse 200mA/250V
- IEC 61010-1 CAT II 600V
- Dimensions: 1.25" X 2.72" X 5.44"
- Weight: 9 oz.
- Accessories: Rubber Holster, Test Leads, Battery & Instruction Manual
- Blister Packed

Cat No.	Description	Each
57030	Multimeter	
51054	Replacement Test Leads	

Digital Multimeter with Rubber Holster & Temperature Probe



- AC Voltage: 200/600V+/-1.2%
- DC Voltage: 200mV/2V/20V/200V+/-0.5%,
600V+/-0.8%
- DC Current: 2mA/20mA/200mA+/-
1%, 10A+/-3%
- Resistance: 200/2K/20K/200K/2M+/-0.8%,
- Temperature: 1° to 752°F (-17° to
400°C) +/- 1%+2°C, 754°C to
1382°F (401° to 750°C) +/-2%+2°C
- Diode Test
- Hfe Transistor Test
- Audible Continuity Test
- Data Hold
- Overload Protection
- Power Source: 6F22(9V) X 1
- Fuse 200mA/250V
- IEC 61010-1 CAT II 600V
- Dimensions: 1.25" X 2.72" X 5.44"
- Weight: 9 oz.
- Accessories: Rubber Holster, Test Leads, Battery & Instruction Manual
- Blister Packed

Cat No.	Description	Each
57040	Multimeter	
51054	Replacement Test Leads	

Autoranging Digital Multimeter with Rubber Holster



- AC Voltage: 400mV/4V/40V/600V+/-0.8%
- DC Voltage: 400mV/4V/40V/600V+/-0.5%
- DC Current: 400uA/400uA/20mA/40mA/400mA/10A+/-2%
- AC Current: 400uA/400uA/20mA/40mA/400mA/10A+/-2%
- Resistance: 400/4K/40K/400K/4M/40M +/-
0.8%, 2M+/-1%
- Frequency: 9.999Hz to 9.999MHz+/-3%
- Autoranging with Manual Ranging Override
- Diode Test
- Hfe Transistor Test
- Audible Continuity Test
- Data Hold & Range Hold
- Overload Protection
- Auto Power Off
- Power Source: 6F22(9V) X 1
- Fuse 200mA/250V
- IEC 1010-1 CAT II 600V
- Dimensions: 4.8" X 2.4" X 1.6"
- Weight: 5.3 oz.
- Accessories: Rubber Holster, Test Leads, Battery & Instruction Manual
- Blister Packed

Cat No.	Description	Each
57044	Multimeter	
51056	Replacement Test Leads	

Cat III Digital Multimeter



- Designed to international safety standard IEC61010-1 CAT III 600V
- Display: 1999 Counts, Digit is .63" high
- DC Voltage: 200m/2/20/200V/1000V±0.5%
- AC Voltage: 200/750V±1.2%
- DC Current: 200μ / 2m/ 20m / 200mA±1.0%, 10A±3.0%
- Resistance: 200 / 2k/ 20k / 200k/2MΩ ±0.8%
- Data hold
- Diode Test
- Transistor hFE test
- Power: 1.5V (AAA) x 3
- Size: 6.2" X 2.9" X 1.2"
- Weight Approx. 7.7oz. (including battery)

Cat No.	Each
57070	

Cat III Autorange Digital Multimeter with Temperature Probe



- Designed to international safety standard IEC61010-1 CAT III 600V
- Secondary injection molded case
- Maximum value measurement
- Back light
- Auto Power off
- Display: 1999 counts, digit is .63" high
- DC Voltage: 200m/2/20/200/600V±0.7%
- AC Voltage: 200m/2/20/200/600V±0.8%
- DC Current: 200μ / 2000μ / 20m / 200mA±1.2%, 2/10A ±2.0%
- AC Current: 200μ / 2000μ / 20m / 200mA ±1.5%, 2/10A ±3.0%
- DC Current: (with clamp, optional) :200/2000A (0.1mV/0.1A) ±1.2%
- AC Current: (with clamp, optional) :200/2000A (0.1mV/0.1A) ±1.5%
- Resistance: 200 / 2k/ 20k / 200k / 2M / 20MΩ ±1.2%,
- Temperature: 0° to 1800°F (-20° to 1000°C) ±3.0%
- Battery Test: 1.5V (test current approx 60mA)
3V (test current approx 30mA)
9V (test current approx 12mA)
- Auto range
- Data hold
- Continuity Test
- Diode Test
- Transistor hFE test
- Power: 1.5V (AAA) x 3
- Size: 6.2" X 2.9" X 1.2"
- Weight Approx. 7.7oz.

Cat No.	Each
57072	

Santoprene is overmolded on the outer surface for comfort

Cat III TRMS Autorange Digital Multimeter W/PC Interface



- DC Voltage: 400mV/4V/40V/400V±0.5%, 100V±0.8%
- AC Voltage: 4V/40V/400V ±0.8%, 700V±1.2%
- DC Current: 400μ A/ 4000μ A/ 40mA / 400mA±1.2%, 10A ±2.0%
- AC Current: 400μ / 4000μ / 40m / 400mA ±1.5%, 10A ±3.0%
- Resistance: 400 / 4k / 40k / 400k / 4MΩ ±1.0%, 40MΩ ±2.0%
- Capacitance: 50nF ±5.0% 500nF/5μF/50μF 100μF ±3.0%
- Frequency: 5Hz/50Hz/500Hz/5KHz/±0.2%
- Temperature: 4° to 1832°F (-20° to 1000°C) ±3.0% + 2°
- Duty: 0.1% ~ 99.99%
- Continuity Test
- Diode Test
- Display 3999 counts
- Relative measurement
- Auto power off
- Date hold
- RS232 Standard interface
- Auto range and manual range
- Back light
- True RMS value

Santoprene is overmolded on the outer surface for comfort

Cat No.	Each
57074	

AC Current Clamp-On Adaptor



- Ideal tool to extend the current ranges for all multimeters
- 200A AC current clamp-on adaptor with voltage output via standard banana inputs to be connected to multimeters
- Accessories test leads and carrying case
- Size: (L x W x H) 3-3/16" x 2-1/2" x 1 1/4"
- Weight: 2.8oz.
- Range 200A
- Output 1mV/A
- Sensitivity 1A/mV DC
- Basic Accuracy $\pm 2\%$

Cat No.	Each
57280	

AC/DC Clamp-On Adaptors



57282

57284

- Compatible with any test tool, power harmonics analyzer, oscilloscope, multimeter, or other voltage measuring device.
- Accessories test leads and carrying case and 9V battery
- Size: (LxWxH) 7-1/2" x 2-3/4" x 3-3/4"
- Weight: 7oz.
- 57282 AC/DC current range 2A/100A, Output 100mV/A, 1mV/A, Sensitivity 0.01A/mV AC/DC, $\pm 3.0\%$, $\pm 2\%$
- 57284 AC/DC current range 40A/400A, Output 10mV/A, 1mV/A, Sensitivity 0.1A/mV AC/DC, $\pm 3.0\%$, $\pm 2.5\%$

Cat No.	Range	Each
57282	2A/100A	
57284	40A/400A	

Line Splitter



- Clamp meter measure current from the splitter without destroying the insulation of cable
- Splits line for independent testing with clamp-on meter
- "X1" and "X10" testing terminal can be chosen
- Different standards of plug can be changed
- Suitable to all kinds of equipment
- Maximum overload: AC 250V 15A
- Conforms to the IEC1010 safety standard
- Dimension: 6.9" X 2" X 1.3"
- Weight: 4.4oz

Cat No.	Each
57286	

Digital Capacitance Meter



- For accurate measurement of capacitive components
- Direct plug-in test sockets & test lead jacks
- Zero adjustment knob
- Fuse protected
- Display: 1999 counts
- Capacitance: 200p/20n/200n/2 μ /200 μ F $\pm 0.5\%$ 2000 μ F $\pm 1.0\%$, 20mF $\pm 2.0\%$
- Power: Battery 6F22 (9V) x 1
- Size: 3.6" x 7.4" x 1.2"
- Weight: approx. 8.4oz.
- Includes test leads, manual, & 9V battery

Cat No.	Each
57085	

CAT III Autoranging 400A AC Slimline Clamp Meter



- Voltage DC 600V with basic accuracy $\pm(0.5\%+5d)$
- Voltage AC 600V with basic accuracy $\pm(0.8\%+5d)$
- Current AC 400V with basic accuracy $\pm(2.50\%+6d)$
- Resistance 20M Ω with basic accuracy $\pm(1.0\%+4d)$
- Continuity buzzer sound at 300 Ω
- Diode test current 0.3mA; Open circuit voltage 1.5V
- Accessories: test leads, carrying case, 2(AAA) 1.5V batteries
- Size:(LxWxH) 8-1/16" x 2-3/4" x 1-1/2"
- Weight: 7oz.
- 2000 LCD display counts
- Decimal Point Readings
- Display with backlight
- Data hold
- Max hold
- Auto power off
- Low battery indication

Cat No.	Each
57250	

400A Digital Clamp Meter with Temperature Probe



- AC Current: 200A \pm 1.5%, 400A \pm 2.0%
- AC Voltage: 600V \pm 1.5%
- DC Voltage: 600V \pm 1.0%
- Resistance: 2000K \pm 1.0%
- Temperature Range: -4 $^{\circ}$ to 500 $^{\circ}$ F (-20 $^{\circ}$ to 260 $^{\circ}$ C) \pm 3%, F $^{\circ}$ & C $^{\circ}$ Selectable
- Easy Single Rotary Switch for any Function Selection
- Jaw Opening To 1.06"
- Continuity Buzzer
- Data Hold for all Functions
- Overload Protection for all Ranges
- Diode Test: Tests Current 1.4mA Max, Test Voltage 2.8V Max
- Display: 3 1/2 Digit LCD, Max Reading 1999
- Power Source: 9 Volt Battery
- Dimensions: 8.07" X 1.73" X 1.57"
- Weight: 7.0 Ounces
- Accessories: Carrying Case, Test Leads, Temperature Probe, Battery & Instruction Manual

Cat No.	Description	Each
57200	400A Clamp Meter	
51056	Replacement Test Leads	

CAT III 1000A Digital Clamp Meter with Temperature Probe



- Conforms to IEC61010-1 Cat III
- Display: 3-1/2 digits with max. 1999 counts
- Data hold function
- Back light function
- DC voltage: 1000V \pm 1.0%
- AC voltage: 750V \pm 1.0%
- AC current: 20A/200A/1000A \pm 2.0%
- Resistance: 200/2000 Ω \pm 1.0%
- Temperature Range: -40 $^{\circ}$ to 1350 $^{\circ}$ F (-40 $^{\circ}$ to 750 $^{\circ}$ C) \pm 1.0%
- Fast Continuity Beeper
- Diode Test
- Jaw Opening to 1.66" max.

Cat No.	Each
57254	

Cat III TRMS Autoranging 600A AC Digital Clamp Meter



- DCV: 6/60/600V ±0.8%, 1000V ±1.0%
- ACV: 6/60/600V ±1.0%, 700V ±1.2%
- ACA: 600A ±2.5%
- Resistance: 600/ 6k/600k/6MΩ ±1.0%, 60MΩ ±5.0%
- Capacitance: 600n/6μ/60μ/600μ/1000μF±4.0%
- Frequency: 40Hz to 100kHz ±0.1%
- ADP measurement: 600mV±3.0%
- Max. diameter for conductor: Φ 1.66"
- Secondary injection molding case
- Conform to the IEC61010-1 & IEC61010-1-032 standard
- Double insulation (protection class 600V CAT III and pollution degree 2)
- True RMS for AC voltage and current
- Display: 6000 counts
- Decimal Point Readings
- Auto/Manual range
- Data hold function
- Max/min function
- Back light function
- Clamp light
- Auto power off
- Continuity test
- Diode test
- SMT application
- Power: 1.5V/AAA x3
- Dimensions: 8.9" X 3.4" X 1.3"
- Weight: 11.2oz.

Santoprene is overmolded on the outer surface for comfort

Cat No.	Each
57260	

Cat III TRMS Autoranging 400A AC/DC Digital Clamp Meter



- DCV: 4/40/400V ±0.8%, 1000V ±1.0%
- ACV: 4/40/400V ±1.0%, 700V ±1.2%
- DCA: 400/1000A ±3.0%
- ACA: 400A ±2.5%
- Resistance: 400/ 4k/40k/400k/4MΩ ±1.0%, 40MΩ ±2.0%
- Frequency: 40Hz to 100kHz ±0.1% (from test terminal)
40Hz to 400kHz ±0.1% (from current clamp)
- Conform to the IEC61010-1 & IEC61010-1-032 standard
- Double insulation (protection class 600V CAT III and pollution degree 2)
- True RMS for AC voltage and current
- Max. diameter for conductor: Φ 1.66"
- Secondary injection molding case
- Display: 3999 counts
- Decimal Point Readings
- Auto/Manual range
- Auto zero key for DCA
- Data hold function
- Max/min function
- Back light function
- Jaw lighting
- Auto power off
- Continuity test
- Diode test
- SMT application
- Power: 1.5V/AAA x3
- Dimensions: 8.9" X 3.4" X 1.3"
- Weight: 11.2oz.

Santoprene is overmolded on the outer surface for comfort

Cat No.	Each
57262	

CAT III Autoranging 200A Open Jaw Clamp Meter



- Open jaw digital electrical tester
- Diode test
- Continuity test
- Duty cycle test function
- Auto and manual range
- Relative Measurement
- Data hold
- Backlit auto off time limit mode
- Test leads and back storage
- Backlight auto off time limit mode
- Display: 3999 counts
- Decimal Point Readings
- Meets IEC61010-1 concerning safety requirements
- DCV: 4/40/400V±0.7%, 1000V±0.8%
- ACV: 4/40/400V±0.8%, 700V±1.0%
- ACA: 200A±3.0% (50Hz to 400Hz)
- Resistor: 400/4K/40K/400K/4MΩ ±1.2%, 40MΩ ±2.0%
- Capacitance: 40n/400n/4μF ±4.0%
- Frequency: 10Hz to 100KHz ±2.0%
- Duty Cycle: 0.1% to 99.9%
- Power: Battery 6F22 (9V) X 1
- Size: 7.6" X 2.7" X 1.7"
- Weight: Approx. 9.2oz.

Cat No.	Each
57266	

Cat III TRMS Autoranging Digital Power Clamp Meter



- AC, W, VA, VAR, kWh and PE temperature measurement
- Max count 9999 and double scales analogue bar graph display
- 99 hours digital calculagraph for active energy measurement
- Single chip micro controller can deal with measurement, time, autorange switching control
- TRMS value, max value, min value measurement
- Display kWh measurement value and measuring time in active energy mode
- High function, low price and widely used power clamp meter

- Max Conductor size Φ 1.97"
- AC Current (A) 40/100/400/1000A $\pm 2\%$
- AC Voltage (V) 100/300/600V $\pm 1.2\%$
- Active Power (kW) 4/10/40/100/600 kW $\pm 3\%$
- Apparent Power (kVA) 4/10/40/100/600 kVA $\pm 3\%$
- Power Factor (PF) 0.3 cap to 0.3 ind ± 0.02
- Reactive Power (KVAR) 4/10/40/100/600 kVAR $\pm 4\%$
- Active Energy (kWh) 10/100/1000/10000 kWh $\pm 3\%$
- Frequency (Hz) 20Hz ~ 1000Hz $\pm 0.5\%$
- Temperature $^{\circ}\text{F}$ -58~572 $^{\circ}\text{F}$ $\pm 5.5^{\circ}\text{F}$, -572~2372 $^{\circ}\text{F}$ $\pm 1\%$
- Display 4 digit LCD 9999
- Power Supply 4 X 1.5V AA
- Operating Temperature 0 $^{\circ}\text{C}$ ~ 40 $^{\circ}\text{C}$
- Dimensions 11.8" X 4.1" X 2"
- Weight 17.5oz.
- Data hold
- Back Light



Cat No.	Each
57270	

Cat III TRMS Autoranging 3 Phase Digital Power Clamp Meter



- Power measurement of 3-phase 3-wire, 3-phase 4-wire, single-phase mode
- V, A, W, VA, VAR, kWh, PF, Hz measurement
- Double Display two parameters on each menu and store 28 groups of measurement parameter
- Measure total power value and five power parameters of each phase in 3-phase measurement mode respectively.
- Autorange and terms display
- With PCRS232 interface and windows graphics software
- Display measurement time and select tested signal power supply for the clamp at one time, the instrument can measurement for long time
- Large LCD display, multifunctional button control

- Max Conductor size Φ 1.97"
- AC Current (A) 40/100/400/1000A $\pm 2\%$
- AC Voltage (V) 100/300/600kW $\pm 1.2\%$
- Active Power (kW) 4/10/40/100/600 kW $\pm 3\%$
- Apparent Power (kVA) 4/10/40/100/600 kVA $\pm 3\%$
- Power Factor (PF) 0.3cap to 0.3 ind ± 0.02
- Reactive Power (KVAR) 4/10/40/100/600 kVAR $\pm 4\%$
- Active Energy (kWh) 10/100/1000/10000 kWh $\pm 3\%$
- Frequency (Hz) 20Hz ~ 1000Hz $\pm 0.5\%$
- Display 4 digit LCD 9999
- Power Supply 4 X 1.5V AA
- Operating Temperature 0 $^{\circ}\text{C}$ ~ 40 $^{\circ}\text{C}$
- Dimensions 11.8" X 4.1" X 2"
- Weight 17.5oz.
- Data hold
- Back Light



Cat No.	Each
57272	

Cushion-Grip Screwdrivers

- Made of highest quality tempered steel
- Heat treated for maximum strength
- Shafts have integral flanges that provide an extra-strong, torque-proof anchor in the handle
- Strong, durable black tips are forged & precision ground to fit screw openings securely
- Cushion grip handle allows for greater torque & comfort, have color coded ends & are oil, gas & water resistant
- Premium chrome plated for smooth feel & corrosion resistance
- Meets or exceeds ANSI specifications

Slotted Screwdriver



Cat No.	Shank Tip Width	Shank Length	Overall Length	Box Qty	Each
54102	1/4"	1-1/2"	3 5/8"	12	
54104	7/32"	3"	6 3/4"	12	
54106	1/4"	4"	8 1/4"	12	
54108	1/4"	6"	10 1/4"	12	
54110	3/8"	8"	12 3/4"	6	

Cabinet-Tip Screwdriver



Cat No.	Shank Tip Width	Shank Length	Overall Length	Box Qty	Each
54112	1/8"	3"	5 3/4"	12	
54114	1/8"	4"	6 3/4"	12	
54116	1/8"	6"	8 5/8"	12	

Phillips Screwdriver



Cat No.	Point size	Shank Length	Overall Length	Box Qty	Each
54122	No. 2	1-1/2"	3 1/2"	12	
54124	No. 1	3"	6 3/4"	12	
54126	No. 2	4"	8 1/4"	12	
54128	No.3	6"	10 3/4"	6	

Square Recess Screwdriver



Cat No.	Point size	Color Code	Shank Length	Overall Length	Box Qty	Each
54132	No. 0	yellow	4"	8 1/4"	12	
54134	No. 1	green	4"	8 1/4"	12	
54136	No. 2	red	4"	8 1/4"	12	
54138	No.3	black	4"	8 1/4"	12	

Nut Driver



Cat No.	Hex Size	Color Code	Shank Length	Overall Length	Box Qty	Each
54142	3/16"	black	3"	7 1/4"	6	
54144	1/4"	red	3"	7 1/4"	6	
54146	5/16"	yellow	3"	7 1/4"	6	
54148	11/32"	green	3"	7 1/4"	6	
54150	3/8"	blue	3"	7 1/4"	6	
54152	7/16"	brown	3"	7 1/4"	6	
54154	1/2"	red	3"	7 1/4"	6	

6 in 1 Interchangeable Screwdriver Set



6 Sizes Double Ended Bits

- 3/16" & 1/4"
- ⊕ #1 & #2
- 5/16" & 1/4"

Cat No.	Box Qty	Each
54212	6	

8 in 1 Telescoping Pickup Tool Screwdriver Set



- 18" Telescoping Pick-Up Tool

- 3/16" ⊕ #1
- 1/4" ⊕ #2
- ⊕ T-15 ⊕ #3
- ⊕ T-20

Cat No.	Box Qty	Each
54214	6	

6 Piece Screwdriver Set



- 3/16" X 3" 3/16" X 6"
- 1/4" X 4" 5/16" X 6"
- ⊕ #1 X 3" #2 X 4"

Cat No.	Box Qty	Each
54216	6	

7 Piece Nut Driver Set



- 3/16" X 3" 1/4" X 3"
- 5/16" X 3" 11/32" X 3"
- 3/8" X 3" 7/16" X 3"
- 1/2" X 3"

Plastic Carrying Case

Cat No.	Box Qty	Each
54218	6	

40 Piece Ratchet Driver Socket & Bit Set



- 1-Reversible Ratcheting Driver
- 1-Mini Driver
- 1-1/4" Dr. Adapter 1-3/16" (L)
- 23 - Bits 1-3/16" (L)
- 14 - Nutdriver Bits

- 3/16" 1/4" 9/32"
- ⊕ #1 #2 #3
- S-1 S-2
- 1/16" 5/64" 3/32" 1/8"
- 5/32" 3/16" 7/32" 1/4"
- ⊕ T-10 T-15 T-20 T-25
- T-27 T-30 T-40

- Nutdriver Bit Metric:
6mm 7mm 8mm 9mm
10mm 11mm 12mm

- Nutdriver Bit SAE:
3/16" 1/4" 5/16" 11/32"
3/8" 7/16" 1/2"

Cat No.	Box Qty	Each
54220	4	

19 - in - 1 Interchangeable Ratcheting Screwdriver Set



- Nut Driver Shank 5/16" x 1/4"
- Ratcheting driver with 7/16" nut

8pc 3" Double ended Bits

- Slotted 5/16" x Phillips #3
- Slotted 1/4" x Phillips #2
- Slotted 3/16" x Phillips #1
- Star T10 x Star T15
- Star T20 x Star T25
- Square S1 x Square S2
- Hex 5/32" x Hex 1/8"
- Hex 3/16" x Hex 1/4"

- 3/16"& ⊕ #1
- 1/4" & ⊕ #2
- 5/16"& ⊕ #3
- ⊕ T10 & ⊕ T15
- ⊕ T20 & ⊕ T25
- S1 & ○ S2
- 5/32"& ● 1/8
- 3/16"& ● 1/4
- 5/16"& ● 1/4"
- 7/16"

Cat No.	Box Qty	Each
54222	6	



TOOLS

1000 Volt Cushion Grip Insulated Screwdrivers



- 1000 Volt Rated
- Professional Quality
- Comfortable ABS & Neoprene Cushion Grip
- Impact Handle is oil & acid resistant
- VDE Tested to ensure 100% safety
- S2 Steel Blade for Extra Strength
- Blade has a Strong Magnetic Tip
- Includes Plastic Hanger for Pegboard Hanging
- Safety Red for Quick Identification

Cat No.	Size	Blade	Box Qty	Each
52012	3/32 X 3"	Slotted	12	
52014	5/32 X 4"	Slotted	12	
52016	7/32 X 5"	Slotted	12	
52018	1/4 X 6"	Slotted	12	
52020	5/16 X 7"	Slotted	12	
52024	#1 X 3"	Phillips	12	
52026	#2 X 4"	Phillips	12	
52028	#3 X 6"	Phillips	12	

Ergonomic Cushion Grip Screwdrivers



- Professional Quality
- Comfort Cushion Grip
- Chrome Molybdenum Vanadium Steel for extra strength
- Impact resistant, oil & acid resistant handles
- Blade surface has satin finish and tough heat treatment
- Blade has strong magnetic black tip
- Includes plastic hanger for pegboard hanging

Cat No.	Size	Blade Tip	Box Qty	Each
52112	1/4" x Stubby	Slotted Wide Tip	12	
52114	5/32" x 3"	Slotted Wide Tip	12	
52116	1/4" x 4"	Slotted Wide Tip	12	
52118	5/16" x 6"	Slotted Wide Tip	12	
52120	5/16" x 8"	Slotted Wide Tip	12	
52122	5/32" x 3"	Slotted Narrow Cabinet Tip	12	
52124	1/4" x 6"	Slotted Narrow Cabinet Tip	12	
52126	1/4" x 8"	Slotted Narrow Cabinet Tip	12	
52128	#2 x Stubby	Phillips Tip	12	
52130	#1 x 3"	Phillips Tip	12	
52132	#2 x 4"	Phillips Tip	12	
52134	#3 x 6"	Phillips Tip	12	
52142	4"	Awl Pointed Tip	12	

1000 Volt Insulated Screwdrivers 6 Pack Box



#52090 6 Pack Box Includes:				
QTY	Cat No.	Size	Blade	
1	52012	3/32 X 3"	Slotted	
1	52014	5/32 X 4"	Slotted	
1	52016	7/32 X 5"	Slotted	
1	52018	1/4 X 6"	Slotted	
1	52024	#1 X 3"	Phillips	
1	52026	#2 X 4"	Phillips	

Cat No.	Description	Box Qty	Each
52090	6 Pack	24	

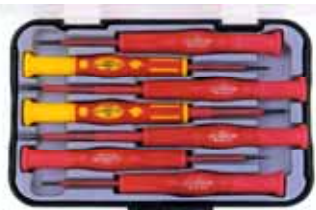
Ergonomic Cushion Grip Screwdrivers 7 Pack Box



# 52190 7 Pack Box Includes				
Qty	Cat. No.	Size	Blade Tip	
1	52114	5/32"x3"	Slotted Tip	
1	52116	1/4"x4"	Slotted Tip	
1	52118	5/16"x6"	Slotted Tip	
1	52120	5/16"x8"	Slotted Tip	
1	52130	#1 x 3"	Phillips Tip	
1	52132	#2 x 4"	Phillips Tip	
1	52134	#3 x 6"	Phillips Tip	

Cat No.	Description	Box Qty	Each
52190	7 Pack	20	

1000 Volt Insulated Precision Screwdriver Set



⊖ 1.5 X 2" 1.8 X 2" 2.0 X 2"
2.5 X 3" 3.0 X 3"

⊕ 00 X 2" 0 X 2 3/8"

- 7 piece set includes plastic case with see thru lid
- Blade made of high alloy special steel
- Rotating cap for precise turning & control with fingertip
- Comfortable ABS & Neoprene Cushion Grip
- Impact Handle is oil & acid resistant
- VDE Tested to ensure 100% safety

Cat No.	Box Qty	Each
54232	12	

10 Piece High Impact Screwdriver Set



- 3/16" X4" 5/16"X6"
1/4" X5" 3/8"X7"
1/4" x 1/2"
- ⊕ #1 X 3" #2 X 4"
#3 x 5" #2 x 1/2"
- 18" Pickup Tool

- High Impact Screwdriver has been ergonomically designed. The shaft is continuous from top to bottom & has been created using impact-resistant and cold-resistant steel material made from CRM ova
- Use on any metal or non-metal such as steel, wood, porcelain, mineral...etc
- Can use it as a punch, chisel, screwdriver, & pry bar
- Can use with a wrench for more torque
- It can take 3000G impact of hammer

Cat No.	Case Qty	Each
54236	12 sets	

Ergonomic Cushion Grip Screwdriver 29 Piece Magnetic Bit Set



Meet all your
Screwdriver
needs with
this one Set

- Professional Quality, Impact Handle is oil/acid resistant
- Comfortable ABS & Neoprene Cushion Grip

Set Contents in Plastic Blowmold Case:

1-Magnetic driver
1-Bit Holder
1-1" socket adapter
1" CrVa bits listed below
4 - Phillips Bits (PH) 0. 1. 2. 3
4 - Pozi Bits (PZ) 0. 1. 2. 3
6 - Hex Bits (HEX) 3/32 1/8 5/32 3/10 7/32 1/4
4 - Slotted Bits (SL) 5/32 3/16 1/4 9/32
5 - Star Bits (TX) T10 15 20 25 30
3 - Square Bits (R) 0. 1. 2

Cat No.	Case Qty	Each
52172	24 Sets	



Hex-Key Sets

- Handy sets fit your pocket or tool box easily and help eliminate the lost-key problem
- Keys are tough, heat-treated alloy steel for strength and durability & fold into handle
- Can be used straight out or at an angle for extra leverage
- Durable steel case doubles as a handle
- 10 pcs per inner box, 100 pcs per master box

Cat No.	Description	Handle Length	Key Lengths
54312	Nine-key inch set: 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4"	4-1/4" (108mm)	1-3/4" - 3-1/2" (44mm-89mm)
54314	Eight-key inch set: .050", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32"	3-1/16" (78mm)	1-1/2" - 2-3/8" (38mm-60mm)
54316	Five-key inch set: 3/16", 7/32", 1/4", 5/16", 3/8"	5-1/4" (133mm)	3" - 4-5/8" (76mm-117mm)
54318	7 Key metric 1.5mm, 2mm, 2.5mm 3mm, 4mm, 5mm, 6mm	3-5/8" (92mm)	1-5/8 - 3" (41 - 76mm)
54320	7 piece torx (star) T10, T15, T20, T25, T27, T30, T40	4-1/4" (108mm)	2-1/8 - 3" (54-76mm)

T-Handle Hex-Keys



- T-handle design delivers more torque to the fasteners
- Cushion grip handle molded onto L-shaped blade
- Ergonomic handle for maximum comfort & strong torque
- Smooth edges prevent injuries & eliminates pressure marks
- Blade is hardened, nickel plated, S2 high quality steel
- Hole for hanging

Measurement = Inches

Cat No.	A	B	C	Each
54322	3/32	3.94	3.15	
54326	1/8	3.94	3.15	
54330	5/32	5.91	3.15	
54332	3/16	5.91	3.94	
54336	1/4	5.91	3.94	
54338	5/16	7.88	3.94	
54340	3/8	7.88	4.72	
54342	1/2	7.88	4.72	

High Leverage Cushion Grip Ergonomic Pliers



Long Nose Pliers



Linesman Pliers



Diagonal Cutting Pliers



Slip Joint Pliers



Groove Joint Pliers

- Chrome vanadium steel drop forged induction hardened cutting edges
- Special high leverage design for cutting power
- Soft material ergonomic grain design for comfortable, durable, non-slip grip
- Meets standard cutting & load test
- Serrated jaws provide an excellent gripping surface
- Lay-on joint
- Spring loaded (except groove joint & slip joint pliers) for more comfort & higher frequency cutting
- Groove joint pliers have precision milled ribs to assure smooth, positive interlock

Cat No.	Description	Length	Box Qty	Each
54032	Long Nose Pliers	6"	6	
54034	Long Nose Pliers	8"	6	
54036	Linesman Pliers	8"	6	
54038	Diagonal Cutting Pliers	7"	6	
54040	Slip Joint Pliers	8"	6	
54042	Groove Joint Pliers	10"	6	

1000 Volt Insulated Safety Pliers



Long Nose Pliers



Bent Long Nose Pliers

- Professional Quality
- EN60900 VDE Tested to Ensure 100% Safety
- Meets OSHA IEC & ASTM standards
- Safety Ergonomic Soft Handle
- Drop Forged & Heat Treated Chrome Vanadium Steel
- Blade has a Strong Magnetic Tip
- Induction Hardened Cutting Edges



Linesman Pliers



Diagonal Cutters



Wire Strippers

Cat No.	Description	Length	Box Qty	Each
54012	1000v Insulated Long Nose Pliers	6"	6	
54014	1000v Insulated Long Nose Pliers	8"	6	
54016	1000v Insulated Bent Long Nose Pliers	8"	6	
54018	1000v Insulated Linesman Pliers	8"	6	
54020	1000v Insulated Diagonal Cutters	7.5"	6	
54024	1000v Insulated Wire Strippers	7"	6	

Lineman Pliers with Cutter and Crimper



- High-leverage tool with crimping die and side cutters
- Crimping die at the hinge for crimp sleeve connectors
- Comfort grip handles

Cat No.	Length	Box Qty	Case Qty	Each
54052	9.5"	6	36	

End Cutting Crimping Pliers



- Designed for crimping non-insulated solderless terminals 10-22Awg
- Specially hardened wire cutter in nose
- Forged high carbon steel
- Tapered nose for working in confined spaces
- Red plastic-dipped handle for comfort

Cat No.	Length	Box Qty	Case Qty	Each
54054	8"	8	72	

Heavy Duty Adjustable Wrench with Cushion Handle



- Chrome vanadium steel drop forged
- Torque excess 25% than standard
- Inch Measuring Scale
- Ergonomic design for comfortable grip
- Lightweight design reduces fatigue
- Extra long & wide jaw for tight & hard reach areas



Wide Handle Thickness
Ergonomic and wider handle design can reduce the pressure on your hand and makes it comfortable and easy to use



Weight Reduce
Light weight design reduces fatigue



Measurement
Inch measuring scale can easily size the bolt & nut



Wide Jaw Opening
Wide capacity design makes the wrench work on larger bolts & nuts



Extra Long Jaw Length
Extra long and wide jaw for tight and hard to reach areas

Cat No.	Length	Jaw Opening	Box Qty	Case Qty	Each
54062	6"	.94"	6	72	
54064	8"	1.13"	6	48	
54066	10"	1.30"	6	36	
54068	12"	1.52"	4	24	

Curved Claw Hammer with Fiberglass Handle



- Polished, forged tempered - steel head
- Comfortable TPR grip bonded to handle
- High-Strength fiberglass shaft absorbs shock & keeps head tight
- Durable plastic-alloy jacketing helps to protect neck from fraying or splintering if incorrectly struck or overstruck

Cat No.	Description	Box Qty	Case Qty	Each
54072	20 oz Claw hammer	6	36	

12/2 & 14/2 NM Cable Stripper/Cutter



- 12/2 & 14/2 stripping slots quickly remove outer jacket of Type NM-B non-metallic sheathed cable
- Precision ground stripping holes easily remove insulation on 12 & 14 AWG lead wires
- Bolt cutter 6-32, 8-32, 10-32
- Copper wire cutter has precision shear-type blade
- Strong gripping serrated nose for easy bending and pulling of wires
- Narrow nose fits into tight places
- Holes in jaw for quick wire looping and bending
- Spring-loaded for self-opening action
- Opening stop prevents spring from disengaging
- Stainless steel body for maximum corrosion resistance
- Laser etched markings for high visibility
- Ergonomic, cushioned handles for ultimate comfort & control

Cat No.	Length	Box Qty	Case Qty	Each
54432	7 1/4"	10	60	

Wire Stripper & Cutter and Bolt Cutters



54426

54428

- 10-20 AWG precision ground stripping holes easily remove insulation
- Copper wire cutter has precision shear-type blade
- Bolt cutters 6-32, 8-32, (10-32 - only 54428)
- Strong gripping serrated nose for easy bending and pulling of wires
- Narrow nose fits into tight places
- Holes in jaw for quick wire looping and bending
- Spring-loaded for self-opening action
- Opening stop prevents spring from disengaging
- Stainless steel body for maximum corrosion resistance (54428)
- Chrome tin plated body for maximum corrosion resistance (54426)
- Lock tab protects cutting edge during storage (54426)
- Laser etched markings for high visibility
- Ergonomic, cushioned handles for ultimate comfort & control

Cat No.	Length	Handle	Box Qty	Case	Each
54426	7 3/8"	Curved	10	60	
54428	6 3/4"	Straight	10	60	

5 In 1 Stripper/Crimper/Cutter



- 10-20 AWG precision ground stripping holes easily remove insulation
- 10-22 AWG insulated & non-insulated terminal crimper
- #310, 311, 410, 411 and coax crimper
- Copper wire cutter has precision shear-type blade
- Bolt cutters 5-40, 10-24, 4-40, 6-32, 8-32, 10-32
- Strong gripping serrated nose for easy bending and pulling of wires
- Narrow nose fits into tight places
- Holes in jaw for quick wire looping and bending
- Stainless steel body for maximum corrosion resistance
- Laser etched markings for high visibility
- Ergonomic, cushioned handles for ultimate comfort & control

Cat No.	Length	Box Qty	Case Qty	Each
54430	8 1/4"	10	60	

Adjustable Stripper with Spring & Lock



- Hardened carbon steel with oxide finish
- Pivot joint has hardened steel bushing
- Soften plastic anti-slip cushioned grip
- Precision ground blades for consistent stripping and cutting
- Adjustable setting allows ease of use to eight settings
- 10-24 Awg Wire Size

Cat No.	Length	Box Qty	Each
50130	5"	20	

Wire Cutter



- Rust resistant
- Hardened carbon steel cutter with oxide finish
- Return spring
- Pivot joint has hardened steel bushing
- Soften anti-slip cushioned grip
- Precision CNC ground fabricated blades
- Cuts 30-10 AWG copper wire

Cat No.	Length	Box Qty	Each
54414	6.5"	10	

Wire Stripper & Cutter



- Precision ground blades ensure consistent stripping & cutting
- Heat-treated for long life
- Cushioned-grip handle for comfortable use
- Serrated nose grip handle for comfortable use
- Stamped from high-carbon tool steel
- Pivot joints have hardened steel bushings
- Rust-resistant black oxide finish
- Hole in jaws for looping wires
- Opening stop prevents spring from disengaging
- Lock tab protects cutting edge during storage
- Easy-to-read graphics
- 10-20 AWG wire size

Cat No.	Length	Box Qty	Case Qty	Each
54422	6.5"	10	60	

5-In-1 Stripper/Crimper/Cutter



- Extra-narrow nose for getting into tight places
- Machined stripping stations with a positive stop provide precise stripping diameters
- Wire looping holes in jaw
- 10-22 Awg Strippers
- Bolt Cutter 5-40, 10-24, 4-40, 10-32, 8-32, 6-32
- Insulated & non-insulated terminals 10-22 Awg
- Ignition Terminals
- Wire Cutter
- Smooth, rounded pivot bolt won't catch in tool pouch
- Easy-to-read graphics
- Comfortable, cushioned grips

Cat No.	Length	Box Qty	Case Qty	Each
54424	8"	10	60	

Round Cable and Wire Cutter



- Round cable and wire cutter cuts coaxial cable up to RG-9U
- Cuts multi-conductor cable up to 0.5"
- Cuts solid or standard wire up to #8 AWG
- Has a built in return spring
- Locking latch
- Soft handles for a comfortable grip
- Frame made from stamped, hardened steel with curved cutting blades

Cat No.	Each
54434	

100 Pair Group Cutter



- Cuts round communication cable - 2/0 cable, 100 pair group telephone cable and RG-174/RG-9 coax cable
- Maintains cable geometry for better cable performance
- Cuts like a tool twice its size
- Precision ground cutting blades
- Rust resistant black oxide finish
- Frame is stamped from high carbon steel & heat treated for long life
- Built-in return spring
- Plastic molded handles
- Safety lock to keep the tool blades closed and pouch ready

Cat No.	Each
54436	

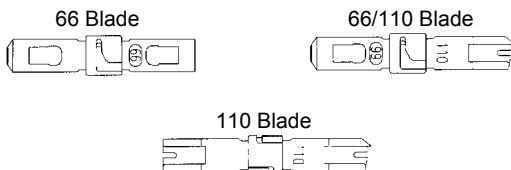
Center Conductor Cutter



- Precisely trims the center conductor of coaxial cable to a standard length of 3/16" for proper insertion into a dual crimp coax connector
- Stamped from high carbon tool steel
- Heat-treated for long life
- Cushioned handle grip
- Rust resistant black oxide finish

Cat No.	Each
54438	

Impact Punch Down Tool



- For seating wire into terminated blocks & cutting off wire end after termination
- Spring loaded for fast & low-effort wire seating termination
- Effortless punch down tool impact absorbing cushioned
- Grip reduces operator stress for high volume installers
- Adjustable high/low action setting
- Spare blade storage compartment with unique locking device

Cat No.	Description	Each
54562	Punch Down Tool with 110 blade	
54564	66 Blade	
54565	110 Blade	
54566	66/110 Blade	

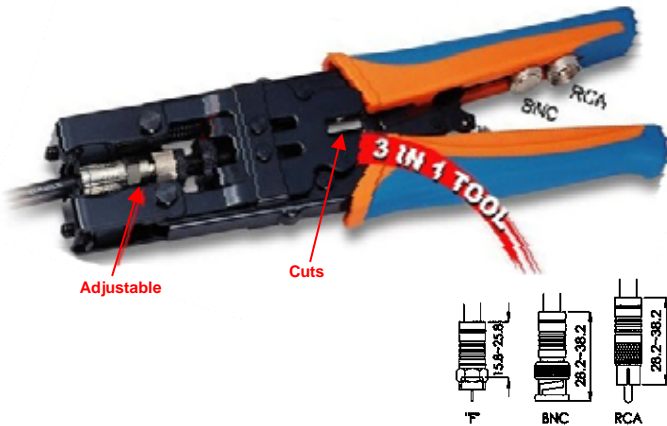
Professional Automatic Wire Stripper



- Auto-adjusting stripper and terminal crimper
- One-step stripping action reduces stripping time for increased productivity
- Spring action mechanical advantage increases stripping leverage and reduces operator fatigue
- Advanced sintered material blades and sturdy die-cast frame provides long, trouble free life
- Cuts 10-24 AWG
- Strips 8-30 AWG
- Length gauge facility ensures uniform stripped ends
- Crimps insulated/non-insulated/open barrel terminals

Cat No.	Length	Box Qty	Case Qty	Each
54442	8"	10	60	

Professional Waterproof Connector Crimping Tool



- Ratchet mechanism
- RG 58/59/62/6 (3c/4c/5c)
- Adjustable type
- Terminates F, RCA & BNC fittings
- Built-in cable cutter
- Smooth one-cycle full ratchet mechanism
- Emergency Ratchet release lever
- Rugged carbon hardened steel construction
- Comfortable grip handles for reduced hand fatigue

Cat No.	Length	Box Qty	Each
54444	9.1"	10	

Economy "F" Connector Crimping Tool



- Terminates 'F' connectors for RG6, RG59, RG62, & Belden 8281 cable

Cat No.	Length	Box Qty	Each
54448	7 1/2"	10	

Economy Crimper/Stripper Screw & Wire Cutter



- Strips and cuts 10-22 AWG wire
- Cuts & rethreads 4-40, 6-32, 8-32, 10-24, & 10-32 bolts
- Accurate crimping of bare & insulated terminals & crimps sleeves
- Cushioned grips for comfort
- Color-coded dies correspond to color of terminal insulation to assure proper die selection

Cat No.	Length	Box Qty	Each
50160	8"	25	

Professional Telephone Crimp/Cut/Strip Tool



- Cuts, strips, crimps
- Precision casting jaw
- Rust resistant high carbon steel frame
- Handle lock
- Safety cover
- TPR handle for comfort
- Ergonomically designed handle

Cat No.	Description	Box Qty	Case Qty	Each
54462	RJ-11/6P4C, RJ-12/6P2C, 6P2C	10	60	
54464	RJ-45/8P8C	10	60	

Professional Dual Modular Plug Crimping Tool

- Multi-functional telephone tool crimps, cuts and strips for easy on-the-job tool application
- Steel frame is made of top quality carbon steel & heat-treated by HRC45° for dependable long life



Ratchet crimp tool for RJ-22 (4 positions) RJ-11 (6 positions) and RJ-45 (8position) modular plugs

Cat No.	Description	Box Qty	Each
54472	Ratchet Crimp RJ11, RJ45, & RJ22	10	

Smart Vise Crimper

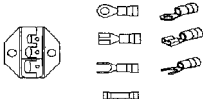
#1 Energy Saving Crimping Plier in the World



54499

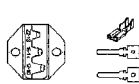
- Less push strength up to 30%
- Long arm for one or two hand operation
- Adjustable wheel for crimping pressure
- Crimping release knob & handle lock
- Interchangeable crimping modules
- Ergonomically designed handle
- Less fatigue with HRC 48° ~ 52° middle carbon steel body with comfortable TPR handle when there are long crimping times
- Length: 9-3/4"
- Weight: 19oz.

Die set No. 54491



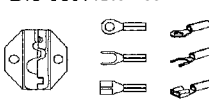
Suitable for insulated terminals/color code nests.
22-10 AWG (0.5mm-6mm)

Die set No. 54492



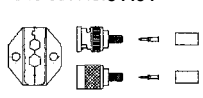
Suitable for non-insulated open barrel connector, commercial type.
22-10 AWG (0.5mm-6mm)

Die set No. 54493



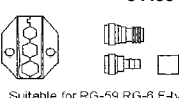
Suitable for non-insulated terminals
22-8 AWG(0.5mm-10mm)

Die set No. 54494



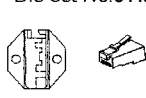
Suitable for RG-58, RG-59/62, BNC/TNC coaxial connectors Hex. 0.255 (6.48mm), 0.213(5.41mm), 0.068(1.73mm)

Die set No. 54495



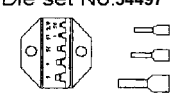
Suitable for RG-59, RG-6 F-type CATV connectors
Hex. 0.35(8.89mm) 0.32(8.13mm) 0.255 (6.48mm)

Die set No. 54496



Suitable for RJ-45, 8 position keyed or non-keyed modular plugs(excluding AMP)

Die set No. 54497



Suitable for cord end terminals
22-10 AWG (0.5mm²-6mm²)

Cat No.	Description	Box Qty	Case Qty	Each
54482	RG59/RG6 Coax Crimper with Dies	6	36	
54484	Insulated Terminal Crimper with Dies	6	36	
54491	Insulated Terminal Die Only	1	—	
54492	Non-Insulated Open Barrel Connector Die Only	1	—	
54493	Non-insulated Terminal Die Only	1	—	
54494	RG-58, RG-58/62 Die Only	1	—	
54495	RG-59, RG-6 Die Only	1	—	
54496	RJ-45 Die Only	1	—	
54497	Cord End Terminal Die Only	1	—	
54499	Crimper with 6 Dies in Case (54491~54496)	1	20	

Rotary Coax Strippers



- For RG58, 59, 62, 6
- 2 Blade
- One Pocket-Sized Stripper Body Enables The Technician Who Works with a Variety of Cable and Connectors to Get Fast, Quality Multi-Level Strips in One Operation
- Just Insert the Cable, Lock the Blade Cartridge in Place, Twist & Pull
- Blister Packed

Cat No.	Box Qty	Each
54504	20	
54512	25	

UTP/STP & Flat Cable Stripping & Cutting Tools



- For Ground Cat3 & Cat5e (UTP & STP) & flat cable & other multi-conductor computer cables
- Computer cable, speaker cable, intercom cable, SPT-1, SPT-2, phone wire & alarm wire
- Irregular Out: shape insulation can be put into the front “V” and “U” guide
- Rotate the tool 1-3 times by index finger for stripping the outer insulations easily
- Adjustable knob for fitting different cable sizes

Cat No.	Multi-Conductor OD Range	Box Qty	Each
54508	.102”-.315”	20	
54518	.138”-.354”	10	

Easy Stripper for UTP/STP Telecom Wire



- Quickly & easily strips UTP/STP & Telecom Wire without scoring the individual conductor
- Compact design for easy handling
- Tension release lever for easy positioning & release of cable
- For stripping Wire Diameter Φ .197”-.244” (5-6.2mm)
- Made of poly-resin

Cat No.	Box Qty	Each
54514	50	

PVC Pipe Cutter



- Metal Construction, Makes Clean, Burr-Free Cuts Through PVC
- Ratchet-Action Design For Maximum Cutting Power with Little Effort
- 50110 & 50112 are Blister Packed

Cat No.	Description	Max Cutting Diameter	Each
50110	Medium-Duty	1”	
50112	Heavy-Duty	1 1/4”	
50115	Heavy-Duty	2”	
51010	Replacement 50110 Blades		
51012	Replacement 50112 Blades		
51014	Replacement 50115 Blades		

Aviation Tin Snips



- Non-slip serrated edges & non-slip textured grain cushion grip
- Cuts up to .047" cold rolled steel or 0.028" stainless steel

- Makes long fast cuts in paper, plastic, sheet metal, aluminum, vinyl siding, screening & much more
- Chrome-Molybdenum alloy steel induction hardened forged blades for greater strength and longer durability
- Hang-up hole provided for convenient storage
- New quick and simple spring-free automatic latch design (one hand release) provides safety and convenience
- Special hardened and tempered process refines the steel's grain size providing enough strength to cut KEVLAR®

Cat No.	Description	Box Qty	Case Qty	Each
54352	Aviation Tin Snip Left Cut	6	36	
54353	Aviation Tin Snip Right Cut	6	36	
54354	Aviation Tin Snip Straight Cut	6	36	

Lock Grip Pliers



- Can be used as hand vise, pipe wrench, clamp, pliers, etc.
- 10" Curved Jaw-chrome vanadium applies pressure on all points of any style nut or bolt

- 1-7/8" jaw capacity adjusts easily to lock at any size with desired amount of pressure
- Quick release lever opens jaws fully & removes pressure instantly
- Can also be used as non-locking pliers
- Top-Grade alloy steel, heat treated for maximum strength and durability
- Nickel plated finish

Cat No.	Description	Box Qty	Each
54362	10" Lock Pliers	6	
54363	10" Lock Pliers with cutter	6	

Cable Tie Gun



50230



50250



50240

- Economical 'Pistol' Style Gives User Improved Comfortable Feel to the Tool
- Tension Adjustment Allows the User to Adapt the Tool to the Size of the Tie
- Automatic Cut-Off Eliminates Sharp Edges on Ties
- Blister Packed

Cat No.	Maximum Tie Width	Gun Casing	Each
50230	.189 Inches	Molded Nylon	
50240	.370 Inches	All Metal	
50250	.189 Inches	All Metal	

Cable Tie Gun for Stainless Steel Ties



- Semi-auto module enables tightening & cutting stainless steel ties
- After the stainless steel tie has been tightened user pushes down the round steel bar at side & can easily cut the tie
- Works with all tie widths

Cat No.	Each
50260	

Aluminum Handle Wire Cutter



- Maximum Wire Size: 600MCM Copper/Aluminum
- Aluminum Alloy Handles with Large Rubber Grips for Greater Strength, Comfort and Leverage
- Shear Type Blades are Made of Forged, Heat Treated Steel and Precision Ground for Clean Cuts

Cat No.	Length	Weight	Each
50040	23.6"	4.6 lbs.	

Steel Handle Wire Cutter



- Maximum Wire Size: 750MCM Aluminum & 1000MCM Copper
- Shear Type Blades are Made of Forged, Heat Treated Steel and Precision Ground for Clean Cuts
- Heavy-Duty Design for Long, Dependable Service
- Steel Handles with Large Rubber Grips for Greater Strength, Comfort and Leverage

Cat No.	Length	Weight	Each
50050	30"	6.2 lbs.	

Hand Wire Cutter



- Maximum Wire Size: 2/0 Copper/Aluminum
- Heat Treated, Precision Ground Shear Action for Clean Cuts
- Heavy-Duty Forged Steel Cutter
- High Leverage Handles are Plastic Coated for Extra Comfort and Grip
- Blister Packed

Cat No.	Length	Each
50060	9.8"	

Bolt Cutter



- Great for cutting bolts, steel rods, locks, etc.
- Forged Steel Blades
- Levis Mounted Blades for Greater Strength
- Steel Handle with Large Rubber Grips for Greater Strength, Comfort, and Leverage

Cat No.	Size	Maximum Cutting Diameter	Each
50100	24"	3/8"	

Ratcheting Wire Cutters



- For cutting copper & aluminum cable
- Not for use on ASCR cable or steel wire
- Compact and Portable
- Spring Action Mechanism
- Simple One-Hand Operation
- Less Handle Forces Required
- Heat Treated, Precision Ground Shear Action Blades for Clean Cuts
- Blister Packed

Cat No.	Maximum Wire Size	Length	Each
50070	400 MCM CU/AL	9.75"	
50080	750 MCM CU/AL	9.75"	

Ratcheting Cable Cutter



- Long handles give leverage for easier cutting with 2 hands
- For cutting copper and aluminum cable only
- Capacity up to AWG 1000MCM
- Compact & Portable - only weighs 2lbs.
- Spring action mechanism
- Heat treated, precision ground shear action blades for clean cuts

Cat No.	Length	Case Qty	Each
50083	17"	5	

H-Tap Crimp Tool with 'O' & 'D' Nose Dies



Mechanical Crimper for WR Series & H Tap Connectors

- Output Force: 4.5 ton
- Weight: 6.2lbs.
- Length: 23.6"



Die Set

- For H-Tap Connectors
- 50086 U-BG Die #6 - #8 can be used for crimping Entrance Splicers

- Designed for crimping a wide range of overhead service entrance connections, overhead splices, & overhead taps
- D3 die groove serves as a die seat for W type dies
- Easy to use MD-6 type 'POP' tool
- Bent fiberglass handle provides a solid grip, good leverage, & better durability than wood
- Complete crimps are assured with an over-center cam mechanism
- Tool can easily be checked visually for proper adjustment & can be adjusted with an allen wrench

Cat No.	Description	Each
50085	H-tap crimp tool with 'O' & 'D' nose dies	
50086	U-BG Die #6 - #8 (not included with tool)	

Mechanical Lug Crimpers



- For Aluminum & Copper Lugs
- Buy One Tool - No Dies To Order, No Dies to Lose
- Cost Less Than Expensive Hydraulic Tools
- Quality Construction - High Strength Steel Body
- Adjustable Indentor to Cover a Wide Array of Wire Ranges and Types of Copper and Aluminum Lugs and Splices
- Nest and Indentor Made of High Strength Steel for Durability
- Small Head - Convenient in Small Areas
- All Tools Have Rubber Handle Grips
- **Model #50008 has a Pull-Out Handle Design which Provides Increased Leverage. At 500 MCM, Model #50008 Requires Less Handle Load Than 250MCM Tools Require at 250 MCM**

Cat No.	Wire Range	Housing	Length	Weight	Each
50008	8 - 500 AWG AL 8 - 500 MCM CU	Forged	25"	9.0 lbs.	
50010	8 - 4/0 AWG AL 8 - 250 MCM CU	Cast	22"	6.2 lbs.	
50015	8 - 4/0 AWG AL 8 - 250 MCM CU	Forged	23.4"	7.7 lbs.	
51002		50008 Bolt & V Part Replacement			
51004		50010 Bolt Part Replacement			
51005		50010 V Part & Screw Assembly			
51006		50015 Bolt Part Replacement			
51007		50015 V Part Replacement & Screw Assembly			

Right Angle Tri-Tap Portable GFCI



- 120V/15A Automatic Reset
- NEMA 5-15P & (3) 5-15R
- 2 Ft. 12/3 AWG SJTW Cord
- For indoor or temporary outdoor use
- Provides portable protection on tools, appliances, outdoor equipment, etc.
- Great for jobsite, workshop or marina
- 3 outlet power cord GFCI protection against hazardous shock

Cat No.	Case Qty	Each
89000	24	

In-Line Tri-Tap Portable GFCI



- 120V/15A Automatic Reset
- NEMA 5-15P & (3) 5-15R
- 3 Ft. 12/3 AWG SJTW Cord
- For indoor or temporary outdoor use
- Provides portable protection on tools, appliances, outdoor equipment, etc.
- Great for jobsite, workshop or marina
- 3 outlet power cord GFCI protection against hazardous shock

Cat No.	Case Qty	Each
89006	24	

Single Portable GFCI Adapter



- 120V/15A 3 Wire Grounding
- NEMA 5-15P & 5-15R
- Automatic Reset
- Fits any standard 3 wire outlet
- Provides instant GFCI protection
- Immediately detects ground fault from damaged cords or exposure to water and shuts off power to avoid electrocution
- Use with wet/dry vacs, tools, sump pumps, etc.
- Great indoor protection in the garage, basement and bedroom

Cat No.	Case Qty	Each
89002	24	

4-Outlet GFCI Power Box



- 120V/15A Automatic Reset
- Right Angle GFCI Plug with Power 'ON' LED
- (4) NEMA 5-15R Outlets with Separate Covers for Each Outlet
- (1) NEMA 5-15Plug
- 6 Ft. 12/3 SJTW Cord
- 15A Circuit Breaker
- For indoor or temporary outdoor use
- Provides portable protection on tools, appliances, outdoor equipment. Great for jobsite, workshop or marina

Cat No.	Case Qty	Each
89008	24	

12" High Tension Hack Saw



- Saws conduit, wire, PVC pipe, etc
- Made of cast aluminum with an extra thick tubular steel bar for added strength
- Lightweight & balanced for greater control
- Fully adjustable tension holds blade at up to 28,000 psi which prevents twisting & binding of the blade & provides longer blade life & fast accurate cuts
- Four permanent mounting pins allow both straight cutting & 45 degree angle for flush cutting
- Includes 12", 24 teeth per inch blade

Cat No.	Description	Box Qty	Each
54628	12" High tension Hacksaw	6	
13012	Replacement 12" Hacksaw Blade - 18 Teeth Per Inch	10	
13014	Replacement 12" Hacksaw Blade - 24 Teeth Per Inch	10	
13016	Replacement 12" Hacksaw Blade - 32 Teeth Per Inch	10	

6" Wallboard Saw



- Cuts through gypsum, plastic board & wallboard easily & removes debris
- Ergonomic style handle with non-slip cushion grip creates a sure & comfortable feel
- 6" aggressive saw teeth
- Super-point for easy penetration
- Beveled point allows users to score & make plunge cuts, eliminating drilling before drywall startup

Cat No.	Description	Box Qty	Each
54626	6" Wallboard Saw	10	

Auto Load Utility Knife-Quick Change Retractable Blade



Includes
Plastic
Utility
Knife
Holster

Open the cover to feed 10 new blades into cartridge

- Curved handle design with slip-resistant grip for comfort and ease of use
- No tools required for quick blade change
- Plastic holster with belt clip for convenient use
- Safety overlap handle design for heavy-duty cutting
- Retractable blade locks in 3 position
- Includes one heavy-duty blade and stores up to 10 blades in handle
- Fits most standard utility blades



Press the button to release used blade



Slide the blade-advance button completely backward to refill new blade



Slide the blade-advance button forward to use normally

Cat No.	Description	Box Qty	Each
54612	Auto-Load Utility Knife with Holster	6	

Auto Utility Knife & Folding Sport Blade



- Curved handle design with slip-resistant grip for comfort & ease of use
- 8-Blade Auto-loading feature. Open the cover to feed a new blade into cartridge. Stores up to 8 blades in handle (Blades Included)
- Safety overlap handle design for heavy-duty cutting
- Retractable blade locks in 3 positions
- Fits most standard utility blades
- Sport Blade locks into position



Quick Change Blade



Push button up to open utility blade and down to close



Press the button to release the sport blade

Cat No.	Box Qty	Each
54610	12	



Utility-Knife Blade Dispenser

- Holds 100 Blades (100 blades included)
- Heavy-duty razor-edged blades
- Universal size fits most makes of utility knives
- Blades are reversible for extra life
- Dispenser mounts vertically to dispense one blade at a time
- Measures 2-3/4" W x 1-1/8" D x 5" H

Cat No.	Description	Each Dispenser
54616	Utility-Knife blade dispenser with 100 blades	



Utility-Knife Blades

- Heavy-duty razor-edged blades
- Blades fit standard utility knives
- Blades are reversible for extra life
- 5 blades per package

Cat No.	Description	Each Package
54618	Utility Knife Blades	

Folding Lock-Back Utility Knife



- Belt Clip on Back for Easy Carrying

- Lightweight aluminum handle
- Belt Clip on Back for Easy Carrying
- Quick Change Blade Mechanism
- One Handed Easy Opening
- Spring Blade Release
- Includes 5 Spare Blades

Cat No.	Box Qty	Each
54606	10	

Retractable-Blade Utility Knife



- Retractable blade for safety & convenience
- Lightweight durable metal housing
- Retractable blade locks in 3 position
- Simple blade change
- Blade included
- Blister packed

Cat No.	Box Qty	Each
54614	12	

Cable Splicers Knife and Electrician's Scissors



- Cuts cable, telephone wire and strips insulation
- Tough, tempered steel knife blade holds edge longer & remains sharp
- Full-size no slip easy to grip knife handle provides greater comfort offering better control & less hand fatigue
- Knife has a short, coping-type blade made of the finest cutlery steel
- Scissors cut up to 16 guage solid & 12 guage stranded wire
- Scissors have an upper blade with two stripping notches to strip most insulations from 19-24 AWG

Cat No.	Description	Box Qty	Case Qty	Each
54372	Scissors and knife kit with two-pocket pouch	12	72	
54373	Cable Splicer's knife	12	96	
54374	Electrician's Scissors	12	72	

Pocket Knife - Coping Blade



- Big, carbon-steel coping-type blade
- Woodgrain handle
- Skins small wire & cable 12/box

Cat No.	Blade Steel	Blade Length	Length Closed	Each
54622	Carbon Steel	3-1/4"	4-1/2"	

Pocket Knife - Sheepfoot Slitting Blade



- Extra-large curved sheepfoot slitting-blade
- Ideal for heavy-duty line work
- Woodgrain handle 12/box
- Blade locks open

Cat No.	Blade Steel	Blade Length	Length Closed	Each
54624	Carbon Steel	3 "	4-1/2"	

Trouble Light – Portable Hand Lamps



- 16/3 SJT Cord
- 13 Amp-125 Volt
- Off/On Push-Thru Switch
- Metal Swing Bulb Guard
- Metal Socket
- Orange Color
- 75 Watt bulb Max (not included)
- Approved under OSHA Standards for general use
- Heat & shock resistant plastic handles
- Cord stay flexible at low temperatures
- Grounded Outlet in Handle

Cat No.	Length	Box Qty	Each
89512	25'	12	
89514	50'	6	

Clamp-On Lamps



- Off/On Push-thru Switch
- Metal Socket
- Max 75 Watt Bulb (not included)
- 10 Amp-125 Volt
- 18/2 SPT-2 Cord
- Spring clamp with Protective Vinyl Sleeve
- Adjustable Ball Joint For Rotating allows light to be positioned in any direction
- Vented 8-1/2" Aluminum Finish Reflector
- 2 Conductor Polarized Plug
- 6 Foot vinyl black cord with polarized plug

Cat No.	Length	Box Qty	Each
89522	6'	12	

Fluorescent Magnet Clamp-On Angle Lamp



- With magnetic back for additional mounting method
- Easy bulb replacement
- Ergonomically designed handle for comfort

- 13 watt 10,000 hour energy-savings bulb burns as bright as a 60 watt incandescent bulb, cool to touch
- Extra 120v grounded outlet on body of lamp
- 25' 15 amp power cord (16/3), on-off rocker switch
- Unbreakable housing & lens, oil & water resistant
- 360° unbreakable swivel hook

Cat No.	Length	Box Qty	Each
89524	25'	8	

Compact LED Rechargeable Work Light/Flashlight



Belt Clip for Easy Carrying

- Battery: 3pcs. Ni-H AA battery. 3.6V/1300MAH
- 110V & 12V Charging
- Water & oil resistant
- Size: 7.1" x 2.6" x 1.2"
- Body Material: ABS

- Ultra Bright 15 LED's, 100,000 Hour bulb life
- Handy Belt Clip on the back for carrying on your belt
- Magnet on back for mounting as work light
- Running time 4-5 hours from single charge of 1.5-2 hours charging time
- Switch: On/Off, with a waterproof rubber cover
- Shockproof design and construction protects from breakage
- Low heat from the LED bulbs greatly reduces risk of fire or burns

Cat No.	Each
54668	

Mini LED Flashlight



Belt Clip for Easy Carrying

- Special tactical switch: press slightly for momentary-On/Off, push for constant-ON/OFF

- 1 Watt CREE LED Super Bright Beam
- Approximately 50,000 hours LED life
- Efficient Collimator Optic System
- Shock-resistant lens, Water-resistant
- Aluminum alloy construction
- Pushbutton On/Off
- Uses 2 "AA" batteries

Cat No.	Box Qty	Each
54650	10	

Rubberized Flashlight



- Perfect focused krypton bulb for 70% brighter Beam
- Push Button Switch
- Weatherproof
- Anti-Roll Feature
- Shockproof & corrosion proof
- Heavy - Duty Rubber Body
- Batteries included

Cat No.	Size	Box Qty	Each
54652	2-AA Batteries	24	
54654	2-D Batteries	12	

LED Flashlight



- Ultra Bright Luxeon 1 Watt torch - no bulb replacement
- Focusing system casts long and narrow beam
- Single Luxeon 1 watt LED can produce 25-30 lumen
- Luxeon LED enjoy a lifetime of 50,000 hrs.
- Tough ABS construction with rubber grip
- Easy carry lanyard included
- Push button on/off switch
- Shock and water resistant
- Powered by 3-D size batteries
- Over 60 hrs run time

Cat No.	Size	Box Qty	Each
54662	3-D Batteries	6	

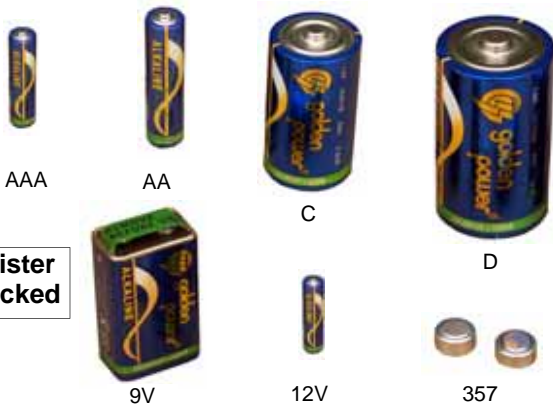
LED Headlamp



- Tough bright Luxeon 1 watt LED headlamp
- Focusing system casts a further and narrower beam
- Single Luxeon 1 watt LED can produce 25-30 lumen
- Luxeon LED enjoys a lifetime of 100,000 hrs.
- No more bulb replacement
- Adjustable elastic headband
- Light can be tilted up and down as needed
- Shock and water resistant
- Powered by 3-AAA size batteries
- 5 hrs. strong brightness during 8hrs. running time

Cat No.	Size	Box Qty	Each
54666	3-AAA Batteries	6	

Alkaline Batteries



Blister Packed

Cat No.	Type	Batteries Per Blister Card	Batteries Per Box	Batteries Per Case	Each Battery
52620	AAA Alkaline 1.5 Volt	4	40	960	
52622	AA Alkaline 1.5 Volt	4	40	480	
52624	C Alkaline 1.5 Volt	2	20	120	
52626	D Alkaline 1.5 Volt	2	20	120	
52628	9 Volt	1	10	120	
52630	357 Button Style Used In Testers	10	—	500	
52632	A23 12 Volt Used In Wireless Chime Transmitters & Meters, cameras, etc.	1	25	200	

Steel Fish Tape



- High Impact Storage Case & one piece Nylon Handle for Maximum Durability, Long Life, and Easy, Comfortable Use
- Highly-Durable Tempered 1/8" Wide Spring Steel
- Comfortable Slip Resistant Gripping Surface

Cat No.	Size	Case Qty	Each
52240	50' X 1/8" X 1/16" Fishtape	6	
52242	100' X 1/8" X 1/16" Fishtape	6	
52244	200' X 1/8" X 1/16" Fishtape	6	
52247	6.9" Replacement Leader for steel tape	1	

Fiberglass Fish Tape



- High Impact Storage Case & one piece Nylon Handle for Maximum Durability, Long Life, and Easy, Comfortable Use
- Comfortable Slip Resistant Gripping Surface
- For use in telecom, electrical, wall & floor conduit, walker duct, and utility installations
- Fiberglass non-conductive properties for safer pushing/pulling in occupied duct & panel boxes
- Fiberglass fish tape is the fastest manual fish tape available
- Repair kit included with each fishtape
- Due to the non-conductive materials this products is made of, the tip is susceptible to breakage. Tip must be repaired by user. Returns due to tip breakage will not be accepted.

Cat No.	Size	Case Qty	Each
52254	150' X .15" Rod Fishtape	6	
52257	9.8" Replacement Leader for Fiberglass Tape	1	
52258	Fiberglass repair kit (glue, 2 eyelets, 1 leader)	1	

Nylon Fish Tape



- Non-Conductive Tape Designed for use around Live Circuits
- Smooth Nylon Jacket provides great handling around bends
- Strong Core for longer life & greater pushing power
- Furnished with a malleable tip eyelet
- Large Handle Grip for Greater User Control
- Heavy-Duty Winder Case & one piece Nylon Handle for Maximum Durability, Long Life, and Easy, Comfortable Use

Cat No.	Size	Case Qty	Each
52264	100'	8	
52266	150'	8	
52268	Malleable Tips (2)	-	

Stainless Steel Fish Tapes



- Tempered, High Quality 1/8" (3mm) Wide Stainless Steel Tape
- Rust & Corrosion Resistant Tape Allows it to Rewind Easier & Last Longer than Ordinary Tape
- Super Clean Finish Prevents Marks on Walls or Carpet
- Includes a Formed Hook at End
- Large Handle Grip for Greater User Control
- Heavy-Duty Winder Case & one piece Nylon Handle for Maximum Durability, Long Life, and Easy, Comfortable Use

Cat No.	Size	Case Qty	Each
52272	50'	12	
52274	120'	8	
52276	200'	5	

Conduit Benders



- Lightweight Aluminum for easy handling
- Cast-in angle indicator on models 52324 & 52326
- Markings are raised & cast into the bender body on both sides for visibility
- Deeply serrated step helps prevent slippage when applying force
- Grooved internal hook surface helps prevent conduit from slipping
- Flat hook surface provides stable starting point
- Order Handle Separately

Cat No.	Level Included	EMT	Rigid	Inside Radius	Fits Handle	Case	Each
52322	No	1/2"	-	5°	52332	20	
52324	Yes	3/4"	1/2"	6°	52332	15	
52326	Yes	1"	3/4"	8°	52334	15	

Conduit Bender Handles



- High quality, pre-threaded bender handles
- Constructed of high-strength steel for long-term durability
- Powder painted finish resists corrosion & improves grip
- Convenient Bending Guide included on handle

Cat No.	Fits Bender	Handle Size	Case Qty	Each
52332	52322 & 52324	1" dia x 38" length	12	
52334	52326	1-1/4" dia. X 44" length	12	

PVC Pipe Spring Bender



- Insert the pipe spring into the pipe and bend across your knee
- Permanently bend Schedule 40 PVC pipe up to 90° without pipe collapsing
- Eliminates the need for heat guns or heating blankets
- Use fewer PVC fittings
- NOTE: Room temperature should be above 60°F

Cat No.	Size	Each
52311	1/2"	
52312	3/4"	
52313	1"	
52314	1-1/4"	
52315	1-1/2"	
52316	2"	
52317	2-1/2"	

PVC Heating Blankets



- Makes bends, offsets or saddles in PVC fast & easy
- Easy to use: wrap blanket around PVC, secure with hook & loop strap. Built-in stiffeners keep blanket tight on the PVC surface. Remove blanket and form bend by hand.
- Good for all schedules
- Controlled, even heating for uniform bending
- Temperature over 300° F (149° C)
- 120VAC

Cat No.	Capacity	Size	Wattage	Each
52300	Up to 1-1/2"	13" x 8-1/4"	200	
52301	2" - 3"	30" X 13-1/4"	800	

Tape Measures



- Rubber Jacket protects case from damage & ensures comfortable grip
- 3" yellow neon yellow case with non-slip impact absorbing comfortable rubber grip
- Magnetic tipped tape measures have true zero sliding blade tip to ensure accurate inside & outside measurements
- Easy-to-read measurements on both sides of the blade
- Durable Steel Belt Clip
- Front Slide Lock for Easy Operation
- Bold, Clear Numbers on Bright Yellow Blade
- Rigid Blade with Protective Acrylic Coating
- Inch/Foot Blade Graduations
- Triple-riveted end hook with bottom blade protector that reinforces the blade tip & provides maximum pull-out strength
- Oversized bold black numbers on the first 11 inches for easy reading



Cat No.	Size	Box Qty	Case Qty	Each
52200	25' X 1"	12	60	
52202	25' X 1" with Magnetic tip	6	60	
52206	33' X 1-1/4"	12	60	
52208	33' X 1-1/4" with Magnetic tip	6	60	

Automatic Blade Lock Measuring Tape



- Blade automatically stays out when extended
- Push button for smooth blade retraction
- Comfortable, shock resistant rubber grip
- Double Sided Printing on Blade

Cat No.	Description	Box Qty	Each
52209	25' x 1"	12	
52210	25' x 1" with Magnetic Tip	6	

Torpedo Level



- 9" long & lightweight for use in tight places
- Three acrylic plastic vials - plumb, level and 45 degrees miter
- Level vial has side & top reading
- V grooved edge
- Strong, high impact ABS body with hang hole
- Magnetized strip on bottom that holds to iron & steel

Cat No.	Overall Length	Box Qty	Each
52212	9" (22.9 cm)	10	

Torpedo Laser Level



- Horizontal & vertical laser directions at the same time
- 90° & 180° vials allow accurate leveling
- Magnetic V groove base locks onto metal studs & pipes
- 180' Laser beam length
- Lightweight & easy to carry

Cat No.	Length	Case Qty	Each
54682	10.7"	40	

Caulking Gun



- For use with 9" Size Cartridges
- Use to apply Adhesives, Caulking Compounds & Lubricants
- Powder Painted to resist Corrosion
- Hexagon Compression Rod with Ladder Hook
- Long Trigger gives you leverage

Cat No.	Each
53266	

Heat Gun



- Specially designed for Heat Shrink Tubing
- Retractable Fixing Wings to Steady on Table or Ground
- Thermostat Protection
- 6 Foot Cord
- 2 Heat Settings - Hi: 1120°F, Lo: 850°F
- 125V, 1500W



Cat No.	Each
54690	

Bag of Rags



- Premium all-purpose wipers
- New bleached white knit
- High cotton content
- Medium weight, random sizes
- Soft, absorbent, low linting
- 2 lb. bags

Cat No.	Each
53264	

Plastic Tool Boxes



- Heavy-duty construction stands up to the rigors of transporting and on-the-job wear and tear
- Lightweight, plastic-resin construction is weatherproof, won't rust, dent, or chip and is impact resistant
- Comfortable, strong carrying handle & lid is padlock ready
- Removable tray for small tools and parts
- Flip lids for small part storage

Cat No.	Size	Each
53412	16" x 10" x 7.2"	
53416	22" x 12.3" x 11.8"	

Ear Plug



- 3 soft pliable flange design adjusts to ear for soothing noise suppression
- Provides superb hearing protection while allowing speech & warning signals to be heard
- A neck string, plastic case, and chain allow for convenient carrying
- Compliance: CE EN352-2, ANSI S3.19
- SNR: 25dB NRR:25dB

Cat No.	Each
53212	

Foam Ear Plugs



- Soft polyurethane foam provides comfortable seal against harmful noise
- Simply roll & insert into the ear, one size fits all
- Packaged in pairs

Cat No.	3 Pair Pack
53214	

Ear Muffs



- Can be used for most industrial noises
- Large soft foam-filled cushions with deep ear cups, folding headband
- Provides a good seal for protection against harmful noise
- Snug and comfortable fit & lightweight
- It can be folded into a compact unit, good for storage or carry in a pocket
- Compliance: CE EN352-1, ANSI S3.19
- Noise Protection SNR: 30db NRR: 25dB

Cat No.	Each
53216	

Knee Pads



- Lightweight, soft, comfortable foam padding with abrasion-resistant plastic
- Tough nylon fabric
- It provides protection against bump, impact, bruises, and other injuries
- Good for construction, carpentry, maintenance, electrical work, sports, etc.
- Good for anything that could cause bruises or abrasions

Cat No.	Size	Each Pair
53222	Medium	
53224	Large	

Back Support



- Help protect workers backs & reduce costly lost time injuries
- Durable lightweight spandex, powerful knit, and a woven elastic cinch strap fastens securely with hook-and-loop fasteners
- Bends with body for optimal support of the spine
- Lightweight breathable back
- Good for lifting, bending, and carrying

Cat No.	Size	Each
53226	Large	
53228	X-Large	

Reflective Vest



- Nylon mesh with fluorescent blaze & 2" reflective tapes in front & back of vest
- Provides maximum visibility for safety
- Lightweight and durable while it retains its color under the toughest weather
- Adjustable velcro closure in front and elastic straps at both sides
- Black cloth binding

Cat No.	Each
53232	

Hard Hats



- ABS shell, tough, lightweight, and durable
- Four-point easy turn knob ratchet adjustment for perfect fit
- Shock-absorbing and rain trough prevents water from dripping down to neck
- Reinforced ribs on top provide extra impact protection
- Slotted sides for accessories, such as face shields or ear muffs
- Complies with ANSI Z89.1 & OSHA requirements
- Chin strap sold separately from hard hat

Cat No.	Description	Each
53240	Yellow Hard Hat	
53242	White Hard Hat	
53244	Blue Hard Hat	
53246	Red Hard Hat	
53248	Chin Strap	

Non-Toxic Dust Mask



- Dependable protection where workers are exposed to nuisance dust & powders
- Not designed for use as protection against toxic dusts & vapors
- Disposable, lightweight, odorless, fiberglass free, non-irritating to the skin, and soft flexible nose bridge for a custom seal
- BFE (Bacteria Filtration Efficiency) up to 99.9% at 3.6 micron particle size
- Single strap to secure

Cat No.	10 Piece Pack
53252	

Toxic Type Dust/Mist Respirator



- Protection against particulate aerosols free of oils containing the following materials such as calcium carbonate, china clay, cement, cellulose, sulfur, cotton, flour, carbon, ferrous metals, hard wood, coal, iron ore, aluminum, free silica, bacteria, and mycobacterium tuberculosis (T.B.)
- Collapse resistant double shell withstands hot and humid conditions
- Fringe seal latex-free synthetic rubber head strap seals mask to face
- Contour design ensures compatibility of glasses/goggles and reduces fogging.
- Soft close-cell nose foam and adjustable nosepiece ensures custom shape and increases the worker comfort and acceptance
- NIOSH

Cat No.	3 Piece Pack
53254	

First Aid Kit



- 25 Person Kit
- Professionally designed with a complete assortment of top quality first aid items
- Perfect for on-site minor emergencies
- Handily packages in a sturdy, lightweight plastic case with handle

- | | |
|----------------------------------|------------------------------------|
| (3) 2X2 Sponge pad (5 PK) | (30) Various sizes adhesive strips |
| (2) 3X3 Gauze pad(2 PK) | (8) Alcohol prep pads |
| (3) 3X4 Non-stick pad | (4) Cleaning wipes |
| (1) Combine pad 5X9 | (1) Cold pack |
| (1) First aid dressing(2 PK) | (1) Emergency blanket |
| (1) Triangular bandage | (6) Safety pins |
| (1) Eye pad | (1) Strap tourniquet |
| (1) Elastic bandage (3" X 5 YDS) | (1) Tweezers |
| (2) Elastic bandage (2" X 5 YDS) | (1) Scissors |
| (50) Adhesive strips (3/4X2-3/4) | (1) Glove |

Cat No.	Case Qty	Each
53262	20	

High Performance Anti-Slip Gloves



- Anti-slip functional silicon print on palm and finger
- Stretchy fabric at back of the hand is form fitting - glove almost feels like part of your hand, gives soft protection & ventilates to keep hand cool
- High-tech synthetic suede at palm provides durability & abrasion resistance
- Velcro closure allows easier entry
- Machine washable

Cat No.	Size	Bag Qty	Each
With Fingers			
53161	Medium	12	
53162	Large	12	
53163	X-Large	12	
53164	2X-Large	12	
No Fingers			
53171	Medium	12	
53172	Large	12	
53173	X-Large	12	

High Performance Shock Absorption Gloves



- Shock Absorption— rubber sponge underneath the reinforcement patches helps minimize hand fatigue while still maintaining dexterity
- Dampens & protects users from the collision energy from impact tools
- Anti-slip functional silicon print on finger tips
- Stretchy fabric at back of the hand is form fitting - glove almost feels like part of your hand , gives soft protection & ventilates to keep hand cool
- High-tech synthetic suede, at palm provides durability & abrasion resistance
- Velcro closure allows easier entry
- Machine washable - does not stretch, shrink, or harden when washed

Cat No.	Size	Bag Qty	Each
53181	Medium	12	
53182	Large	12	
53183	X-Large	12	
53184	2X-Large	12	

PVC Glove



- Fully high-grade red PVC coated, interlock lining, and a smooth finish
- Cotton knit wrist offers comfort and fits the wrist snugly
- Excellent protection against wide range of chemicals and abrasions resistance such as petroleum, refining, acids, oil, grease, caustics, solvents, cuts, punctures, and abrasion
- Provides excellent dexterity & grip
- Great for grimy wet jobs

Cat No.	Bag Qty	Each
53154	12	

PVC Dotted Cotton Glove



- General use, with rubber dotted on one side for good grip
- Dense coating offers an abrasion barrier
- It's reusable and washable
- Knit breathable cotton/poly stretches for excellent fit
- Good for circulation to keep hands dry and comfortable

Cat No.	Bag Qty	Each
53152	12	

Brown Jersey Glove



- Moderate Hand Protection for a Low Cost
- Cotton 8oz. Deep Brown Jersey
- Snug Fitting Knit Wrist
- Large Size
- Packed with Individual Hanging Cards

Cat No.	Bag Qty	Each
53110	12	

Short Cuff Leather Glove



- Cow Split Leather
- Full Leather Index Finger
- Leather finger Tips and Knuckle Strap
- Striped Cotton Back with Elastic Wrist for Better Fit
- Half Lined
- 2 1/2" Safety Cuff
- Large Size
- Packed with Individual Hanging Cards

Cat No.	Bag Qty	Each
53120	12	

Long Cuff Leather Glove



- Cow Split Leather
- Full Leather Index Finger
- Leather finger Tips and Knuckle Strap
- Striped Cotton Back with Elastic Wrist for Better Fit
- Half Lined
- 4 1/2" Rubberized Long Cuff
- Large Size
- Packed with Individual Hanging Cards

Cat No.	Bag Qty	Each
53130	12	

Yellow Cow Split Leather Glove



- Cow Split Leather
- All Leather
- Elastic Wrist for Better Fit
- 53150 has Fleece Lining
- Large Size
- Packed with Individual Hanging Cards

Cat No.	Description	Bag Qty	Each
53140	Unlined	12	
53150	Fleece Lined	12	

Easy Search Tool Bags



- Rubber bottom for support & water resistance
- Wide opening convenient for storage & search of tools
- Super-tough, durable & water-resistant 600-D Polyester

Cat No.	Dimensions			Pockets	Each
	L	W	H		
53502	12"	9"	10"	37 Total - 12 inside, 25 outside	
53504	16"	10"	11"	38 Total - 13 inside, 25 outside	

Easy Search Tool Bags

Back side unzips to access plastic tray



- Multi-compartment plastic tray slides into bottom of bag
- Wide opening convenient for storage & search of tools
- Super-tough, durable & water-resistant 600-D Polyester

Cat No.	Dimensions			Pockets	Each
	L	W	H		
53512	12"	9"	10"	23 outside	
53514	16"	10"	11"	24 outside	

Large Easy Search Tool Bag



- Rubber bottom for support & water resistance
- Wide opening convenient for storage & search of tools
- Shoulder strap for easy carrying
- 1 drill holster, 1 velcro pocket, 1, zipper pocket
- Super-tough, durable & water-resistant 600-D Polyester

Cat No.	Dimensions			Pockets	Each
	L	W	H		
53506	24"	8.5"	13"	63 Total - 24 inside, 39 outside	

Large Easy Search Tool Bag

Back side unzips to access plastic tray



- Multi-compartment plastic tray slide into bottom of bag
- Wide opening convenient for storage & search of tools
- Shoulder strap for easy carrying
- 1 drill holster & 2 velcro pockets
- Super-tough, durable & water-resistant 600-D Polyester

Cat No.	Dimensions			Pockets	Each
	L	W	H		
53516	24"	8.5"	13"	59 Total - 20 inside, 39 outside	

Box Shaped Tool Carrier



- Box-shaped design prevents tipping
- Rubber bottom for support & water resistance
- Extra padded carry handle
- Super-tough, durable & water-resistant 600-D Polyester

Cat No.	Dimensions			Pockets
	L	W	H	
53522	19"	7"	14"	52 Total - 13 inside, 39 outside

Square Tool Carrier



Back side unzips to access plastic tray

- Multi-compartment plastic tray slides into bottom of bag
- Box-shaped design prevents tipping
- Extra padded carry handle & adjustable shoulder strap
- Metal tool snap, and electrical tape strap
- Super-tough, durable & water-resistant 600-D Polyester

Cat No.	Dimensions			Pockets	Each
	L	W	H		
53524	9"	9"	15"	36 Total - 9 inside, 27 outside	

Bucket Bag



- Designed to fit most standard 3-1/2 to 5 gallon buckets
- Super-tough, durable & water-resistant 600-D Polyester

Cat No.	Pockets	Each
53532	36 Total - 12 inside, 24 outside	

Tool Vest



- Many different sizes of pockets for various parts & tools
- Adjustable waist size
- Super-tough, durable & water-resistant 600-D Polyester

Cat No.	Dimensions		Pockets	Each
	L	H		
53540	21.7"	24.4"	9	

Tool Belt with Pouches



- Versatile - all parts removable and interchangeable
- Metal tape chain and tool snap
- Metal clip holds all measuring tape sizes
- Pocket to hold cordless drill
- 3" Wide padded belt for comfort
- Fits waist sizes 29" - 46"
- Super-tough, durable & water-resistant 600-D Polyester

Cat No.	Pockets	Each
53536	32	

Cell Phone Holder



- Made of strong elastic fiber material
- Stretches to adjust to cell phone shape and padded inside to protect cell phone, Good for Blackberrys
- Heavy duty clip for belt or pants
- Black Color

Cat No.	Each
53552	

4 Pocket Multi-Purpose Tool Holder



- The tool holder you can Hang-Strap-Clip on workbelts, web suspenders, pants etc.
- Securely holds small tools or accessories like pliers, mini flashlights, screwdrivers, etc.

Cat No.	Each
53558	

3 Multi-Purpose Clip-On Zippered Bags



- Includes 3 convenient sizes and colors: 9x7"(Blue), 7x6"(Hunter Green), & 6x5"(Brown)
- Carry and organize all your miscellaneous parts, tools and accessories
- Durable clip hangs on tool belts & loops, etc.

Cat No.	Set of 3 Bags
53546	

Electrical Meter/ Tester/ Phone Holder



- Double layer of rugged lightweight fabric
- Safety strap with hook and loop fastener
- Heavy duty metal clip on back
- Back pocket for tester/meter
- Front pocket for test leads

Cat No.	Size	Each
53554	4 1/2"H x 2 1/2"W x 1 1/2"D	
53556	6"H x 3"W x 2"D	

Sporty Safety Glasses



- Sporty trend-setting contemporary styling that fits the contours of your face
- Deep curve provides superior impact protection
- Lightweight polycarbonate lenses - impact resistance & UV protection
- Ideal for protection against dust and particles
- Compliance: ANSI Z87.1

Cat No.	Frame Color	Lens Color	Box Qty	Each
53001	Black	Smoke	12	
53002	Black	Copper	12	
53003	Black	Clear	12	
53004	Black	Silver Mirror	12	
53005	Black	Blue Mirror	12	
53006	Silver	Blue Mirror	12	

Safety Goggles



- General purpose impact resistant cover-type protective goggles
- Soft clear polycarbonate lens, flexible vinyl shroud
- Comfortable & Shaped to Conform to Facial Contours
- Lightweight Elastic Strap, Direct ventilation system
- Fits over most prescription glasses
- Meets or Exceeds ANSI Z87.1 Standards

Cat No.	Description	Box Qty	Each
53010	Goggles	12	

Safety Glasses Fit Over Prescription Glasses



- Fits Over Prescription Glasses or can be worn alone
- Full panoramic clear frame/lens has wide vision field & max UV protection
- Anti-glare brow guard, universal bridge, & spatula temples with wide integral side shields
- High-Impact, Scratch Resistant Polycarbonate Lens
- Lightweight Polycarbonate Frame
- Meets or Exceeds ANSI Z87.1 Standards

Cat No.	Description	Box Qty	Each
53000	Safety Glasses (fit over glasses)	12	

Standard Safety Glasses



- Full panoramic clear frame/lens has wide vision field & max UV protection
- Anti-glare browguard, universal bridge, & spatula temples with wide integral side shields for maximum coverage
- High-Impact, Scratch Resistant Polycarbonate Lens
- Lightweight Polycarbonate Frame
- Adjustable temple that locks into place
- Meets or Exceeds ANSI Z87.1 Standards

Cat No.	Description	Box Qty	Each
53020	Safety Glasses With Clear Lens	12	
53022	Safety Glasses With Shaded Lens	12	
53024	Safety Glasses With Mirrored Lens	12	

Bi-Metal Hole Saws

Cat No.	Saw Dia. Inches (mm)	Pipe Tap Size	Pipe Entrance	For use with Arbor No's.	Each
13312	9/16 (14)	-	-	13452-13458	
13314	5/8 (16)	-	-	13452-13458	
13316	11/16 (17)	-	-	13452-13458	
13318	3/4 (19)	1/2"	3/8"	13452-13458	
13320	13/16 (21)	-	-	13452-13458	
13322	7/8 (22)	3/4"	1/2"	13452-13458	
13324	15/16 (24)	-	-	13452-13458	
13326	1 (25)	-	-	13452-13458	
13328	1-1/16 (27)	-	-	13452-13458	
13330	1-1/8 (29)	1"	3/4"	13452-13458	
13332	1-3/16 (30)	-	-	13452-13458	
13334	1-1/4 (32)	-	-	13460-13470	
13336	1-5/16 (33)	-	-	13460-13470	
13338	1-3/8 (35)	-	1"	13460-13470	
13340	1-7/16 (37)	-	-	13460-13470	
13342	1-1/2 (38)	1-1/4"	-	13460-13470	
13344	1-9/16 (40)	-	-	13460-13470	
13346	1 5/8 (41)	-	-	13460-13470	
13348	1-11/16 (43)	-	-	13460-13470	
13350	1-3/4 (44)	1-1/2"	1-1/4"	13460-13470	
13352	1-13/16 (46)	-	-	13460-13470	
13354	1-7/8 (48)	-	-	13460-13470	
13356	2 (51)	-	1-1/2"	13460-13470	
13358	2-1/16 (52)	-	-	13460-13470	
13360	2-1/8 (54)	-	-	13460-13470	
13362	2-1/4 (57)	2"	-	13460-13470	
13364	2-5/16 (59)	-	-	13460-13470	
13366	2-3/8 (60)	-	-	13460-13470	
13368	2-1/2 (64)	-	2"	13460-13470	
13370	2-9/16 (65)	-	-	13460-13470	
13372	2-5/8(67)	2-1/2"	-	13460-13470	
13374	2-3/4(70)	-	-	13460-13470	
13376	2-7/8(73)	-	-	13460-13470	
13378	3(76)	-	2-1/2"	13460-13470	
13380	3-1/8 (79)	-	-	13460-13470	
13382	3-1/4 (83)	3"	-	13460-13470	
13384	3-3/8(86)	-	-	13460-13470	
13386	3-1/2(89)	-	-	13460-13470	
13388	3-5/8(92)	-	3"	13460-13470	
13390	3-3/4(95)	3-1/2"	-	13460-13470	
13392	3-7/8(98)	-	-	13460-13470	
13394	4(102)	-	-	13460-13470	
13396	4-1/8(105)	-	3-1/2"	13460-13470	
13398	4-1/4(108)	4"	-	13460-13470	
13400	4-3/8(111)	-	-	13460-13470	
13402	4-1/2(114)	4-1/2"	4"	13460-13470	
13404	4-3/4(121)	-	-	13460-13470	
13406	5(127)	-	-	13460-13470	
13408	5-1/2(140)	-	-	13460-13470	
13410	6(152)	-	-	13460-13470	



- M42 Bi-Metal For Use in Most Materials: Wood, Plastic, Aluminum, Brass, Cast Iron, & Stainless Steel
- Variable Pitch Design (4-6 Teeth/Inch) Reduces Labor & Tool Costs By Cutting 45% Faster & Lasting Longer than Straight 6 Pitch Saws
- Better Chip Clearance, Less Heat Build-Up, Lower Feed Pressure & Smooth Cuts
- Bi-Metal Hole Saws Combine the Toughness & Shock Resistance of an Alloy with the Cutting Ability of High Speed Steel
- 1-3/4" Cutting Depth
- 3/16" Thick Heavy Duty Backing Plate Eliminates the Need for Driving Plates and Prevents Drive Pin Holes from Elongating
- Packed in Individual Color Boxes

12 Piece Hole Saw Set

- 12 Piece Set
- Set Contains Nine High Speed Hole Saws, Two Arbors (13456 & 13466), & a 1/4" Arbor Adapter (13434)
- Saw Diameters are: 3/4", 7/8", 1-1/8", 1-3/8", 1-1/2", 1-3/4", 2", 2-1/4" and 2-1/2"
- All Components are Packed In a Sturdy Plastic Molded Carrying Case



Cat No.	Description	Kits/Case	Each
13422	12 Piece Hole-Saw Set	5	

Hex Extension Shanks



- 12" Extension Fits 7/16" Hex Arbors

Cat No.	Each
13432	

Replacement 1/4" Arbor Adapter



- Converts 1/2"-20 Thread Size Arbor to 5/8"-18 Thread Size for use with Larger-Diameter Saws
- Not Recommended For Saws Larger than 1-1/2" Diameter

Cat No.	Description	Each
13434	1/4 Arbor Adapter	

Replacement Pilot Drills



- 1/4" High Sped Pilot Drills for use with all Hole Saw Arbors
- For General Cutting Of Wood and Metal
- Blister Packed

Cat No.	Length	For Hole Saw Model	Each
13442	4-1/8"	13452, 13456, 13460, 13466	
13444	3-1/4"	13454, 13458, 13468, 13470	

Hole Saw Arbors



- Rugged, Heat Treated Steel Arbors Complete with 1/4" (6MM) High Speed Pilot Drill
- Cuts clean circular holes through steel & wood
- Built to Stand Up Under Hard High Speed Use
- Blister Packed

Cat No.	Shank	Includes Snap Pins	Fits Hole Saw Diameters	Replacement Pilot drill	Each
13452	1/4" (6.5mm) Round	No	9/16" - 1-3/16" (14-30)	13442	
13454	3/8" (9.5mm) Hex	No	9/16" - 1-3/16" (14-30)	13444	
13456	7/16" (11.0mm) Hex	No	9/16" - 1-3/16" (14-30)	13442	
13458	SDS Quick Change	No	9/16" - 1-3/16" (14-30)	13444	
13460	7/16" (11.0mm) Hex	No	1-1/4" - 6" (32-152)	13442	
13466	7/16" (11.0mm) Hex	Yes	1-1/4" - 6" (32-152)	13442	
13468	3/8" (9.5mm) Hex	Yes	1-1/4" - 6" (32-152)	13444	
13470	SDS Quick Change	Yes	1-1/4" - 6" (32-152)	13444	

Carbide Tipped High Speed Steel Hole Saw Cutters



- For Hard Materials
- Tungsten carbide tips are strengthened with the latest brazing technology ensuring a longer drilling life - 10x longer than standard hole saws
- Precision ground teeth cut smooth burr-free holes with ease
- Split-point pilot drill prevents walking & allows accurate hole placement
- Easily drills material as hard as stainless steel

Cat No.	Size	Conduit	CU Pipe	Each
13472	7/8"	1/2"	5/8"	
13474	1-1/8"	3/4"		
13476	1-3/8"	1"		
13478	1-1/2"			
13480	1-3/4"	1-1/4"	1-1/2"	
13482	2"	1-1/2"		
13484	2-1/2"	2"	2"	

Recessed Lighting Hole Saws - Carbide Grit



- The perfect choice for quick and easy installation of recessed lighting
- Carbide grit cutting edge easily cuts holes in ceramic tile, fiberglass, marble, slate etc.
- Cuts through stucco, lath, and plaster
- Cuts 1-3/8" deep - through two sheets of 5/8" drywall in one pass to a depth of two inches
- Fits most major brands Halo, Capri, Marco, Juno, Prescolite, Progress, Lithonia, Lightolier, and others
- Strong, durable back plate
- Arbor not included (accepts Morris Arbor #13466, 13468, or 13470)

Cat No.	Diameter	Use For	Each
13492	4-3/8"	Juno, Capri, Marco, Halo	
13494	6-3/8"	Halo, Capri	
13496	6-5/8"	Juno, Progress	
13498	6-7/8"	Progress, Capri, Prescolite, Lightolier, Lithonia, Marco	

Driller Dust Bowl



Driller's Dust Bowl solves the problem of making a mess while drilling large diameter holes in ceiling for the installation of recess light fixture, eliminating the need for face mask, goggles, drop cloths or vacuuming. The tool accessory is easily fitted between a drill's chuck and the cutting tool. It forms a seal to the surface of the material being worked on, and collapses like a plunger to allow the user to perform the task while

encapsulating all the debris created by the process. It works with a wide variety of drill bits, other cutting tools, and all sizes of hole saws.

- Works with tools you already have
- No ceiling marks
- Stops you from punching through once hole is cut

Cat No.	Description	Case Qty	Each
13500	Driller Dust Bowl	12	

Hack Saw Blades



- Blades Offer a Super-Sharp High Speed Cutting Edge
- Bi-Metal Blades Combine the Toughness and Shock Resistance of an Alloy with the Cutting Ability of High Speed Steel
- Outlasts Conventional Blades up to 3 Times Longer
- High Resistance to Breaking & Requires Fewer Blade Changes
- Can Be Used In Any Hack Saw Frame
- Packed in Hanging See-Through Plastic Pouch

Cat No.	Length	Teeth Per Inch	Qty Per Pouch	Cuts Material	Each Blade
13012	12"	18	10	1/4" & thicker	
13014	12"	24	10	1/8"-1/4" thick	
13016	12"	32	10	1/8" thick & less	

Reciprocating Saw Blades

- Bi-Metal Construction for Faster Cutting & Longer Life Blade
- Wider, Thicker Design for Faster Cuts and Reduced Vibration
- Packed in Hanging See-Through Plastic Pouch

WOOD CUTTING BLADES



Cat No.	Teeth/Inch	L	W	TH	Description	Pouch Qty	Each Blade
13112	6	6"	3/4"	.05"	Very Fast Cutting, Nail Embedded Wood General Rough-In	5	
13114	6	12"	3/4"	.05"	Very Fast Cutting, Nail Embedded Wood General Rough-In	5	

METAL CUTTING BLADE



Cat No.	Teeth/Inch	L	W	TH	Description	Pouch Qty	Each Blade
13132	14	4"	3/4"	.05"	Metal 3/16-1/4", Conduit, Tubing, Channels, Pipe, Rubber, Fiber	5	
13134	14	6"	3/4"	.05"	Metal 3/16-1/4", Conduit, Tubing, Channels, Pipe, Rubber, Fiber	5	
13136	18	4"	3/4"	.05"	Metal 1/8-3/16", Conduit, Tubing, Channels, Pipe	5	
13138	18	6"	3/4"	.05"	Metal 1/8-3/16", Conduit, Tubing, Channels, Pipe	5	
13140	24	4"	3/4"	.05"	Metal Thinner Than 1/8", Tubing, Pipe, Trim	5	
13142	24	6"	3/4"	.05"	Metal Thinner Than 1/8", Tubing, Pipe, Trim	5	

SCROLL CUTTING BLADES



Cat No.	Teeth/Inch	L	W	TH	Description	Pouch Qty	Each Blade
13162	4/6	6"	3/4"	.05"	Wood Scroll Cutting, Circles, Contours, Nail Embedded Wood	5	
13164	14	3-5/8"	5/16"	.05"	Metal Scroll Cutting 3/16" Thru 1/4"	5	

ALL PURPOSE CUTTING BLADES



Cat No.	Teeth/Inch	L	W	TH	Description	Pouch Qty	Each Blade
13182	10	6"	3/4"	.05"	All Woods, Nail Embedded Composition Material, Plastic, Ferrous and Non-Ferrous Metals	5	
13184	8/12	6"	3/4"	.05"	All Woods, Nail Embedded Composition Material, Plastic, Ferrous and Non-Ferrous Metals, Cast Iron	5	
13186	8/12	8"	3/4"	.05"	All Woods, Nail Embedded Composition Material, Plastic, Ferrous and Non-Ferrous Metals, Cast Iron	5	
13188	8/12	12"	3/4"	.05"	All Woods, Nail Embedded Composition Material, Plastic, Ferrous and Non-Ferrous Metals, Cast Iron	5	
13190	10/12	6"	5/8"	.05"	All Woods, Nail Embedded Composition Material, Plastic, Light Gauge Ferrous and Non-Ferrous Metals and Aluminum, Has 5/8" Width For Higher Flex	5	
13192	10/12	9"	5/8"	.05"	All Woods, Nail Embedded Composition Material, Plastic, Light Gauge Ferrous and Non-Ferrous Metals and Aluminum, Has 5/8" Width For Higher Flex	5	
13194	10/12	12"	5/8"	.05"	All Woods, Nail Embedded Composition Material, Plastic, Light Gauge Ferrous and Non-Ferrous Metals and Aluminum, Has 5/8" Width For Higher Flex	5	



TOOLS

Titanium Coated High Speed Steel Drill Bits



- Titanium Coated Withstands Higher Drilling Temperatures & Increases Life of the Bit 500% Over Uncoated Drill Bits
- M2 Steel for Superior Metal, Wood & PVC Drilling
- 135 Degree Split Point for No Slip Starting
- Self Centering, Reduced Thrust & Easier Penetration
- Precision Ground Flutes
- Blister Packed

Cat No.	Bit Size	Flute Length	Overall Length	Each
13512	1/16"	7/8"	1-7/8"	
13514	5/64"	1"	2"	
13516	3/32"	1-1/4"	2-1/4"	
13518	7/64"	1-1/2"	2-5/8"	
13520	1/8"	1-5/8"	2-3/4"	
13522	9/64"	1-3/4"	2-7/8"	
13524	5/32"	2"	3-1/8"	
13526	11/64"	2-1/8"	3-1/4"	
13528	3/16"	2-5/16"	3-1/2"	
13530	13/64"	2-7/16"	3-5/8"	
13532	7/32"	2-1/2"	3-3/4"	
13534	15/64"	2-5/8"	3-7/8"	
13536	1/4"	2-3/4"	4"	
13538	17/64"	2-7/8"	4-1/8"	
13540	9/32"	2-15/16"	4-1/4"	
13542	19/64"	3-1/16"	4-3/8"	
13544	5/16"	3-3/16"	4-1/2"	
13546	21/64"	3-5/16"	4-5/8"	
13548	11/32"	3-7/16"	4-3/4"	
13550	23/64"	3-1/2"	4-7/8"	
13552	3/8"	3-5/8"	5"	
13554	25/64"	3-3/4"	5-1/8"	
13556	13/32"	3-7/8"	5-1/4"	
13558	27/64"	3-15/16"	5-3/8"	
13560	7/16"	4-1/16"	5-1/2"	
13562	29/64"	4-3/16"	5-5/8"	
13564	15/32"	4-5/16"	5-3/4"	
13566	31/64"	4-3/8"	5-7/8"	
13568	1/2"	4-1/2"	6"	

16 Piece Titanium Coated Drill Bit Set

1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 11/64", 3/16", 13/64", 7/32", 15/64", 1/4", 17/64", 5/16", 3/8"



- 16 Piece Drill Set in Plastic Case
- Titanium Coated Withstands Higher Drilling Temperatures & Increases the Life of the Bit 500% Over Uncoated Drill Bits
- M2 Steel for Superior Metal, Wood & PVC Drilling
- 135 Degree Split Point for No Slip Starting
- Precision Ground Flutes
- Blister Packed

Cat No.	Description	Each
13592	16 Piece Drill Bit Set	

Nail Hawg Auger Bits



- Eats thru nails
- NEW DESIGN LASTS 8X LONGER
- Precision design prevents point breakage
- Primarily Used For Drilling Wood Where Small Nails and Other Materials May be Encountered
- 7/16" Shank
- Hollow Center Twist Designed for Fast, Continuous Flow of Chips
- Self-Feeding Screw Point Draws Bit
- Heat Treated for Long Life
- Packed in Hanging Hard Plastic Tube

Cat No.	Bore Diameter	Length	Each
13660	5/8"	7-3/4"	
13662	11/16"	7-3/4"	
13664	3/4"	7-3/4"	
13666	13/16"	7-3/4"	
13668	7/8"	7-3/4"	
13670	1"	7-3/4"	
13680	1/2"	18"	
13682	5/8"	18"	
13684	11/16"	18"	
13686	3/4"	18"	
13688	13/16"	18"	
13690	7/8"	18"	
13692	15/16"	18"	
13694	1"	18"	
13696	1-1/8"	18"	
13698	1-1/4"	18"	

Auger Bit Extensions



- 12" Extension Fits 7/16" Hex Shank
- Add 12" to your bit
- Heavy-duty set screw type
- Has 2 Set Screws
- Hex Wrench included

Cat No.	Each
13798	

Flat Spade Bits



- Fast Cut Bevel Edge
- Large Size Markings make Bit easily identifiable
- Bore Hardwood, Softwood, Plywood & Drywall
- Forged & Heat Treated for Long Life
- Hole in Top Center for Wire Pulling
- Heat Treated for Long Life
- Packed in Hanging See-Through Plastic Pouch
- Quick change feature

Cat No.	Hole Diameter	Length	Each
13812	1/4"	6"	
13814	3/8"	6"	
13816	1/2"	6"	
13818	5/8"	6"	
13820	3/4"	6"	
13822	7/8"	6"	
13824	1"	6"	
13826	1-1/8"	6"	
13828	1-1/4"	6"	
13830	1-3/8"	6"	
13832	1-1/2"	6"	
13842	3/8"	16"	
13844	1/2"	16"	
13846	5/8"	16"	
13848	3/4"	16"	
13850	7/8"	16"	
13852	1"	16"	
6 PIECE SET – 6" Long 3/8", 1/2", 5/8", 3/4", 7/8", 1"			
13862	6 Piece Set		

Carbide-Tip Masonry Bits



- Slow spiral
- Alloy Steel Shank for Strength and Durability
- Shallow Precision Machined Wide Oval Flutes Lift & Prevents Dust Packing
- Carbide Tip Resists Dulling
- Drills Masonry, Brick, Stone, Plaster, Slate, etc.
- Produces Clean, Accurately Sized Holes Fast
- Packed in Hanging Hard Plastic Tube

Cat No.	Diameter	Shank Diameter	Length	Each
13612	1/8"	1/8"	3"	
13614	5/32"	5/32"	3"	
13616	11/64"	11/64"	3"	
13618	3/16"	3/16"	3"	
13620	7/32"	3/16"	3"	
13622	1/4"	1/4"	4"	
13624	1/4"	1/4"	6"	
13626	1/4"	1/4"	12"	
13628	9/32"	1/4"	4"	
13630	5/16"	5/16"	4"	
13632	3/8"	3/8"	4"	
13634	7/16"	3/8"	6"	
13636	1/2"	3/8"	6"	
13638	1/2"	3/8"	18"	
13640	9/16"	1/2"	6"	
13642	5/8"	1/2"	6"	
13644	11/16"	1/2"	6"	
13646	3/4"	1/2"	6"	
13648	7/8"	1/2"	6"	
13650	1"	1/2"	12"	
13652	1-1/8"	1/2"	12"	
13654	1-1/4"	1/2"	12"	
13656	1-1/2"	1/2"	12"	

Selffeed Bits



- Cuts Faster & Has Improved Balance with Reduced Runout
- Shanks Have Flat Surfaces for Secure Chuck Grip
- Feed Screws Removable & Replaceable
- Feed Screw Provides Fast, Effortless Feeding Even in Gummy Wood
- Double Sided Feed Screw & Allen Wrench furnished With Each Bit - After Bit is Worn, You Can Reverse the Bit to the Other Side
- Inside Cutting Plane Shaves Hole Radius for Clean, Smooth Holes without Pressure
- Spurs on Outside Diameter Cut Holes Clearly & Accurately
- Universal 7/16" shank

Cat No.	Size	Each
13881	1"	
13882	1-1/8"	
13883	1-1/4"	
13884	1-3/8"	
13885	1-1/2"	
13886	1-5/8"	
13887	1-3/4"	
13888	2"	
13889	2-1/8"	
13890	2-1/4"	
13891	2-9/16"	
13898	3mm Allen Wrench	
13899	Screw Point Replacement	

1/4" Magnetic Bit Holder/Extension Screwdriver Guide



- 2-3/8" long (extends to 4-3/4")
- Holds 1/4" hex insert bits & accepts #10 & smaller screws
- Heat treated hardened steel bit
- Oversized magnet holds screw in correct starting position
- Outer sleeve slides over screwhead & helps to keep bit in the screwhead recess
- Extends power tool reach by reaching limited access areas

Cat No.	Each
13900	

Hex Shank Insert Bits



- 1/4" Hex Drive Insert & Power Bits
- Made of S2 Steel for Strength & Long Life
- Packed in Hanging Hard Plastic Box

Cat No.	Overall Length	Point Size	Bits/Pkg	Each Bit
13912	1"	#1	10	
13914	1"	#2	10	
13916	1"	#3	10	
13920	2"	#2	5	

Saw Drill Bit



- Drills Holes & Saws in one operation - used to enlarge holes
- Multi Function Bit Drills - Saws and Reams Brass, Aluminum, Wood, and Plastics
- Cross Milled Cutting Edges for Rapid, Non Clog Cutting
- Fits any Electric Drill or Drill Press
- Cuts Own Starting Hole and Any Shape In Any Direction Tool is Moved
- Fully Ground Titanium for Long Life
- Packed in Hanging Hard Plastic Tube

Cat No.	Size	Each
13032	1/8"	
13034	5/32"	
13036	3/16"	
13038	3/32"	
13040	1/4"	
13042	5/16"	

Step Drill Bits



- One bit allows you the flexibility to drill various hole diameters
- Self-starting point eliminates starter holes or punches
- Double-fluted design for balanced cuts, faster penetration, & cooler operation
- Use for metal studs, switchboxes, lighting fixtures, junction boxes, etc.
- All bits marked with sizes
- Automatically deburs drilled hole
- Heat treated & tempered for maximum strength & life

Cat No.	Drill Diameter Sizes (inches)	Chuck Size	Each Bit
13980	1/8, 5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 13/32, 7/16, 15/32, 1/2	1/4"	
13982	3/16, 1/4, 5/16, 3/8, 7/16, 1/2	1/4"	
13984	1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4	3/8"	
13986	3/16, 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8	3/8"	
13988	1/4, 25/64, 35/64, 11/16, 7/8, 1, 1-1/8, 1-7/32, 1-1/4, 1-3/8	3/8"	



TOOLS

100 Piece Security Bit Set



PH0, PH1, PH2 x 5pcs, PH3
 SL 3, 4, 4.5, 5, 5.5, 6, 6.5, 7, 8mm
 PZ0, PZ1, PZ2 x 5pcs, PZ3
 Spanner 4, 6, 8, 10
 Tri-wing 1, 2, 3, 4
 4 Square 0, S1, S2, S3
 M 5, 6, 8
 Torq-set 6, 8, 10
 Clutch 1, 2, 3
 2.4" L magnetic bit holder
 1" L Adaptor
 2" L Adaptor
 1" L Y-Bit
 1"mm L Bit Holding Socket

T-8, T-10, T-15, T-20, T-25, T-27, T-30, T-35 T-40 (Tamper Proof)
 T-8, T-10, T-15, T-20, T-25, T-27, T-30, T-40, T-45
 Hex. 1.5, 2, 2.5, 3, 4, 5, 5.5, 6, 8mm
 Hex. 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32" 1/4"
 Hex. 2, 2.5, 3, 4, 5, 6mm (Tamper Proof)
 Hex. 5/64", 3/32", 7/64", 1/8", 9/64", 5/32" (Tamper Proof)



- One of the most complete tamperproof screwdriver kits available anywhere with all of the most common & many of the rarest bits
- Includes magnetic holder & adaptors for power driving

Cat No.	Each
13950	

Super Yellow Anchor Kits



- Anchor Kits Include 100 Screws, 100 Anchors, 1 Drill Bit and a 2-Compartment High Impact Reusable Plastic Box with Hanger



YELLOW SUPER ANCHOR
 Larger & Better Holding than Conical Anchor



DRILL BIT



PAN HEAD/COMBO SCREW

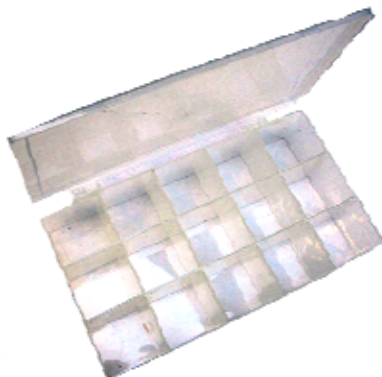


HEX HEAD/COMBO SCREW



Cat No.	Screw Size	Screw Type	Anchor	Kits Per Case	Each Kit
31020	10 X 1	Pan Head, Combo Slotted/Phillips	Super Yellow	48	
31024	10 X 1	Hex Head, Combo Slotted	Super Yellow	48	
31030	10 X 1-1/4	Pan Head, Combo Slotted/Phillips	Super Yellow	48	
31034	10 X 1-1/4	Hex Head, Combo Slotted	Super Yellow	48	

Plastic Trays



- Replacement trays for Morris Workbags located on page 190
- Can also be used without tool bag
- Good for organizing small parts & fasteners

Cat No.	Size	Used in Tool Bag #	Each
53452	5.9" x 7.2" x 1.8"	53524 Square Tool Carrier	
53454	7" x 10.6" x 1.5"	53512 & 53516 Tool Bags	
53456	14.1" x 9.1" x 1.9"	53514 Tool Bag	



Green Grounding Screws

- For grounding of switch & outlet boxes
- Hex washer head slotted/phillips
- With Easy-Start Tip

Cat No.	Size	Box Qty	Per 100
30772	10/32 X 3/8	100	



Green Grounding Clips

- Used with #10, #12, or #14 copper or aluminum grounding wire

Cat No.	Box Qty	Per 100
30773	100	



Green Grounding Pigtails

- Solid Green 12 GA Wire Attached 10/32 x 3/8 Grounding Screw With Easy-Start Tip
- 6" Overall Length

Cat No.	Box Qty	Per 100
30774	100	

Self Drilling Screws Hex Washer Head Zinc Plated



Cat No.	Size	Head Size	Box Qty	Per 100
30112	6-20 X 1/2"	1/4"	100	
30122	8-18 X 1/2"	1/4"	100	
30124	8-18 X 3/4"	1/4"	100	
30126	8-18 X 1"	1/4"	100	
30128	8-18 X 1-1/4"	1/4"	100	
30130	8-18 X 1-1/2"	1/4"	100	
30144	10-16 X 1"	5/16"	100	
30146	10-16 X 1-1/4"	5/16"	100	
30148	10-16 X 1-1/2"	5/16"	100	

Sheet Metal Screws Hex Washer Head Slotted Zinc Plated



Cat No.	Size	Head Size	Box Qty	Per 100
30212	6 X 1/2"	1/4"	100	
30222	8 X 1/2"	1/4"	100	
30224	8 X 3/4"	1/4"	100	
30226	8 X 1"	1/4"	100	
30228	8 X 1-1/4"	1/4"	100	
30230	8 X 1-1/2"	1/4"	100	
30232	8 X 2"	1/4"	100	
30242	10 X 3/4"	5/16"	100	
30244	10 X 1"	5/16"	100	
30246	10 X 1-1/4"	5/16"	100	
30248	10 X 1-1/2"	5/16"	100	
30250	10 X 2"	5/16"	100	

Flat Head Machine Screws Slotted Zinc Plated



Cat No.	Size	Box Qty	Per 100
30312	6-32 X 1/2"	100	
30314	6-32 X 3/4"	100	
30316	6-32 X 1"	100	
30318	6-32 X 1-1/4"	100	
30320	6-32 X 1-1/2"	100	
30322	6-32 X 2"	100	
30324	6-32 X 2-1/2"	100	
30326	6-32 X 3"	100	

Sheet Metal Screws Pan Head Combo Slotted/Phillips Zinc Plated



Cat No.	Size	Box Qty	Per 100
30012	6 X 1/2"	100	
30022	8 X 1/2"	100	
30024	8 X 3/4"	100	
30026	8 X 1"	100	
30028	8 X 1-1/4"	100	
30030	8 X 1-1/2"	100	
30032	8 X 2"	100	
30042	10 X 3/4"	100	
30044	10 X 1"	100	
30046	10 X 1-1/4"	100	
30048	10 X 1-1/2"	100	
30050	10 X 2"	100	
30052	12 X 1"	100	
30056	12 X 1-1/2"	100	
30058	12 X 2"	100	

Drywall Screws Bugle Head Phillips Black Phosphated Fine Thread



Cat No.	Size	Box Qty	Per 100
30502	6 X 1"	100	
30504	6 X 1-1/4"	100	
30506	6 X 1-5/8"	100	
30508	6 X 2"	100	
30510	6 X 2-1/4"	100	
30511	8 X 2-1/2"	100	
30513	8 X 3"	100	
30536	8 X 4"	100	
BULK PACK			
30518	6 X 2"	500	
30520	6 X 2-1/4"	400	
30532	8 X 2-1/2"	300	
30534	8 X 3"	200	

Round Head Machine Screws Slotted Zinc Plated



Cat No.	Size	Box Qty	Per 100
30408	6-32 X 1"	100	
30412	8-32 X 1/2"	100	
30414	8-32 X 3/4"	100	
30416	8-32 X 1"	100	
30420	8-32 X 1-1/2"	100	
30422	8-32 X 2"	100	
30424	8-32 X 2-1/2"	100	
30426	8-32 X 3"	100	
30438	10-24 X 1-1/4"	100	
30452	10-32 X 3/4"	100	
30454	10-32 X 1"	100	
30456	10-32 X 2"	100	
30462	1/4-20 X 3/4"	100	
30464	1/4-20 X 1"	100	
30466	1/4-20 X 1-1/2"	100	
30468	1/4-20 X 2"	100	
30472	1/4-20 X 3"	100	



Hex Nuts
Zinc Plated

Cat No.	Size	Box Qty	Per100
30612	6-32	100	
30614	8-32	100	
30616	10-24	100	
30617	1/4-20	100	
30618	5/16-18	100	
30619	3/8-16	100	



Flat Washers
Zinc Plated

Cat No.	Size	Box Qty	Per100
30622	#6	100	
30624	#8	100	
30625	#10	100	
30626	1/4"	100	
30628	3/8"	100	
30629	1/2"	50	



Fender Washers
Zinc Plated

Cat No.	Size	Box Qty	Per100
30632	1/4 X 1"	100	
30634	1/4 X 1-1/4"	100	
30638	1/4 X 1-1/2"	100	
30644	3/8 X 1-1/4"	100	
30646	3/8 X 1-1/2"	100	



Lock Washers
Zinc Plated

Cat No.	Size	Box Qty	Per100
30656	1/4"	100	
30658	5/16"	100	
30660	3/8"	100	



Plastic Anchors

Cat No.	Size	Box Qty	Per100
30700	#10 Super Yellow	100	
30702	#8 Conical	100	
30704	#10 Conical	100	



6-32 Painted Plate Screws

Cat No.	Size	Color	Box Qty	Per 100
30710	1/2"	Ivory	100	
30720	1/2"	White	100	
30730	1"	Ivory	100	
30740	1"	White	100	
30750	1"	Nickel	100	



Lag Screws
Hex Head
Zinc Plated

Cat No.	Size	Box Qty	Per 100
30922	1/4 X 1-1/2"	100	
30924	1/4 X 2"	100	
30928	1/4 X 3"	100	
30934	5/16 X 2"	100	
30948	3/8 X 2"	100	
30952	3/8 X 3"	50	



Hex Bolts
Grade 2
Low Carbon
Zinc Plated

Cat No.	Size	Box Qty	Per 100
30962	1/4-20 X 1/2"	100	
30963	1/4-20 X 3/4"	100	
30964	1/4-20 X 1"	100	
30965	1/4-20 X 1-1/4"	100	
30980	3/8-16 X 1"	100	
30981	3/8-16 X 1-1/4"	100	
30982	3/8-16 X 1-1/2"	100	



Toggle Bolts
Round Slotted
Spring-Wing Type
Zinc Plated

Cat No.	Length	Box Qty	Per 100
30832	1/8 X 3" (6-32)	50	
30838	3/16 X 3" (10-24)	50	
30840	3/16 X 4" (10-24)	50	
30846	1/4 X 3"	50	
30848	1/4 X 4"	50	



Self-Drilling Anchors

- Great for 3/8", 1/2" & 5/8" drywall
- Combo drive #6-8 phillips & #3 square drive
- Replaces molly & toggle systems

Cat No.	Type	Box Qty	Per 100
30706	Nylon	100	
30708	Zinc	100	



Couplings
Zinc Plated

Cat No.	Diameter	Length	Box Qty	Per 100
30882	1/4-20	7/8"	100	
30886	3/8-16	1-3/4"	50	
30888	1/2-13	1-3/4"	50	



Wire Rope Clips
Galvanized
Malleable Iron
For Guy Wire

Cat No.	Size	Box Qty	Each
17302	1/4"	50	

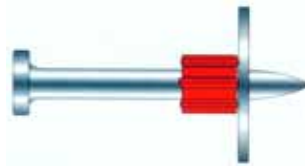
Drive Pins



- For fastening into concrete, steel, or masonry with power actuated tools
- .300 dia. Head with plastic ferrule as guide
- .143 dia. shank drive pins

Cat No.	Shank Length	Box Qty	Case Qty	Per 100
31111	1/2" Knurled	100	5000	
31112	5/8" Knurled	100	5000	
31114	3/4"	100	5000	
31116	1"	100	5000	
31118	1 1/4"	100	1000	
31120	1 1/2"	100	1000	
31122	2"	100	1000	
31124	2 1/2"	100	1000	
31126	3"	100	1000	

Drive Pins With Washer



- For fastening into concrete, steel, or masonry with power actuated tools
- .300 dia. Head with plastic ferrule as guide
- .143 dia. shank drive pins, 1" dia. Metal washer

Cat No.	Shank	Box Qty	Case Qty	Per 100
31132	3/4"	100	1000	
31134	1"	100	1000	
31136	1 1/4"	100	1000	
31138	1 1/2"	100	1000	
31140	2"	100	1000	
31142	2 1/2"	100	1000	
31144	3"	100	1000	

Power Loads



1000pcs/case

- .22 caliber low velocity power charge
- Used for most low velocity single shot tools

Cat No.	Color	Power	Power Level	Box Qty	Per 100
31162	Gray	Lowest	1	100	
31164	Brown	Low	2	100	
31166	Green	Medium	3	100	
31168	Yellow	Strong	4	100	

Power Loads- 10 Shot Strip



- .27 caliber power charge
- Used for most low velocity strip shot tools

Cat No.	Color	Power	Power Level	Box Qty	Per 100
31172	White	Lowest	2	100	
31174	Green	Low	3	100	
31176	Yellow	Medium	4	100	
31178	Red	Strong	5	100	

Drive Pins with Angle Clip



- For fastening angle clip into concrete, steel, or masonry with power actuated tools
- .300 diameter Head with plastic ferrule as guide, .143 diameter shank drive pins

Cat No.	Shank Length	Hole Dia.	Box Qty	Case Qty	Per 100
31152	1"	.278"	100	1000	
31154	1 1/4"	.278"	100	1000	

Malleable Hook



- 3/4" NPT threads
- Use with high bay and other fixtures
- Includes screw

Cat No.	Box Qty	Each
18092	100	

Swivel Pendant



- Swivel pendant mount allows highbays and other hanging fixtures to be mounted on a sloped ceiling
- Fits 3/4" conduit
- Includes reducer bushing to 1/2" with set screw
- Fits standard and round electrical boxes

Cat No.	Box Qty	Each
18094	25	



WEATHERPROOF BOXES

Lampholder



- Gasket & Mounting Screws Supplied
- Seamless Die Cast Aluminum
- Powder Coat Finish
- Individually Bagged & Bar Coded
- For 75 Thru 150 Watt PAR 38 Lamps
- Extra Long Wire Leads for Easy Hook-Up
- Locking Swivel Knuckle Assures Positive Lamp Positioning and Provides Pinpoint Directional Aiming
- Each Lampholder Supplied With a Copper Screw Shell Porcelain Socket (37408 Aluminum Shell), Inside Gasket & 1/2" Locknut
- Press Fit Internal Heat Resistant Gasket Designed Not to Come Out When Bulb is Changed

Cat No.	Finish	Box Qty	Each
37408	Unpainted	100	
37410	Gray	100	
37412	White	100	
37414	Bronze	100	

Hole Plugs and Accessories



FIG 1



FIG 2



FIG 3



FIG 4



FIG 8

GASKETS

- 1 Gang switch
- 1 Gang blank
- 1 Gang single receptacle
- 1 Gang telephone

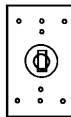
USE  37930

FIG 5

GASKETS

- 1 Gang duplex receptacle
- 1 Gang skeleton (For GFI receptacles)
- 1 Gang louver

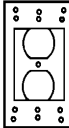
USE  37932

FIG 6

GASKETS

- 2 Gang blank
- 2 Gang Decorative
- 2 Gang switch
- 2 Gang single receptacle

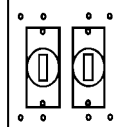
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FIG 7

Cat No.	Fig.	Description	Finish	Bag Qty	Box Qty	Each
37510	1	1/2" Hole plug	Gray	10	30	
37512	1	1/2" Hole Plug	White	10	30	
37514	1	1/2" Hole Plug	Bronze	10	30	
37520	1	3/4" Hole Plug	Gray	10	30	
37522	1	3/4" Hole Plug	White	10	30	
37524	1	3/4" Hole Plug	Bronze	10	30	
37530	1	1" Hole Plug	Gray	10	30	
37540	2	1-2 Adapter	Gray	10	30	
37910	3	Mounting Lug	Gray	10	30	
37920	4	Lampholder Inside Gasket	—	10	30	
37930	5	1 Gang Single Receptacle Gasket	—	10	30	
37932	6	1 Gang Duplex Receptacle/GFCI Gasket	—	10	30	
37934	7	2 Gang Gasket	—	10	30	
37936	8	4" Round Gasket	—	10	30	

Weatherproof Boxes

- Includes Closure Plugs
- Detachable Lugs Provided (Except Where Noted)
- Ground Screw Installed
- Reinforced Connector Outlets

- Seamless Die Cast Aluminum
- Powder Coat Finish
- Individually Bagged
- Bar Coded



One Gang – 18 Cubic Inch Capacity Length 4 1/2" X Width 2 3/4" X Depth 2"



Cat No.	Fig.	Lugs	No. of Outlet Holes	Outlet Hole Dia.	No. of Closure Plugs	Finish	Box Qty	Each
36000	1	No Lugs	3	1/2"	2	Gray	80	
36002	1	No Lugs	3	1/2"	2	White	80	
36004	1	No Lugs	3	1/2"	2	Bronze	80	
36010	1	Lugs	3	1/2"	2	Gray	80	
36012	1	Lugs	3	1/2"	2	White	80	
36014	1	Lugs	3	1/2"	2	Bronze	80	
36018	1	No Lugs	3	3/4"	2	Gray	80	
36020	1	Lugs	3	3/4"	2	Gray	80	
36022	1	Lugs	3	3/4"	2	White	80	
36024	1	Lugs	3	3/4"	2	Bronze	80	
36028	2	No Lugs	4	1/2"	2	Gray	80	
36030	2	Lugs	4	1/2"	2	Gray	80	
36032	2	Lugs	4	1/2"	2	White	80	
36034	2	Lugs	4	1/2"	2	Bronze	80	
36040	2	Lugs	4	3/4"	2	Gray	80	
36050	3	Lugs	5	1/2"	2	Gray	80	
36060	3	Lugs	5	3/4"	2	Gray	80	
36070	4	Lugs	5	1/2"	2	Gray	80	
36080	4	Lugs	5	3/4"	2	Gray	80	

One Gang Deep – 24 Cubic Inch Capacity Length 4 1/2" X Width 2 3/4" X Depth 2 5/8"



Cat. No.	Fig.	Lugs	No. of Outlet Holes	Outlet Hole Dia.	No. of Closure Plugs	Finish	Box Qty	Each
36090	5	Lugs	3	1/2"	2	Gray	10	
36100	5	Lugs	3	3/4"	2	Gray	10	
36110	5	Lugs	3	1"	2	Gray	10	
36120	6	Lugs	5	1/2"	2	Gray	10	
36130	6	Lugs	5	3/4"	2	Gray	10	
36140	6	Lugs	5	1"	2	Gray	10	



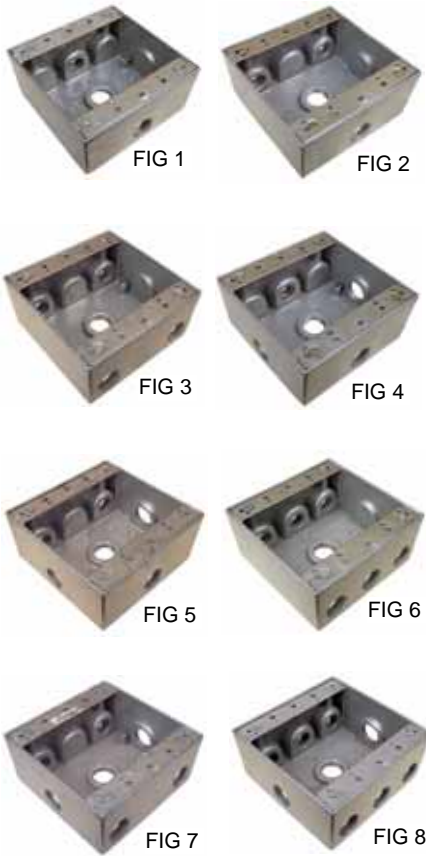
WEATHERPROOF BOXES

Weatherproof Boxes

- Includes Closure Plugs
- Seamless Die Cast Aluminum
- Detachable Lugs Provided
- Powder Coat Finish
- Ground Screw Installed
- Individually Bagged
- Reinforced Connector Outlets
- Bar Coded



Two Gang – 30.5 Cubic Inch Capacity Length 4 1/2" X Width 4 1/2" X Depth 2"



Cat. No.	Fig.	No. of Outlet Holes	Outlet Hole Dia.	No. of Closure Plugs	Finish	Box Qty	Each
36210	1	3	1/2"	2	Gray	30	
36212	1	3	1/2"	2	White	30	
36214	1	3	1/2"	2	Bronze	30	
36220	1	3	3/4"	2	Gray	30	
36222	1	3	3/4"	2	White	30	
36224	1	3	3/4"	2	Bronze	30	
36230	2	4	1/2"	2	Gray	30	
36240	2	4	3/4"	2	Gray	30	
36250	3	5	1/2"	2	Gray	30	
36260	3	5	3/4"	2	Gray	30	
36270	4	5	1/2"	2	Gray	30	
36280	4	5	3/4"	2	Gray	30	
36290	5	6	1/2"	2	Gray	30	
36300	5	6	3/4"	2	Gray	30	
36310	6	7	1/2"	2	Gray	30	
36320	6	7	3/4"	2	Gray	30	
36330	7	7	1/2"	2	Gray	30	
36340	7	7	3/4"	2	Gray	30	
36350	8	9	1/2"	2	Gray	30	
36360	8	9	3/4"	2	Gray	30	

Two Gang Deep – 37 Cubic Inch Capacity Length 4 1/2" X Width 4 1/2" X Depth 2 5/8"



Cat. No.	Fig.	No. of outlet Holes	Outlet Hole Dia.	No. of Closure Plugs	Finish	Box Qty	Each
36370	9	5	1/2"	2	Gray	5	
36380	9	5	3/4"	2	Gray	5	
36390	9	5	1"	2	Gray	5	
36400	10	7	1/2"	2	Gray	5	
36410	10	7	3/4"	2	Gray	5	
36420	10	7	1"	2	Gray	5	

One Gang Weatherproof Covers

- Lampholder Covers Include Closure Plugs
- Powder Coat Finish
- Gasket & Mounting Screws Supplied
- Self Closing Lids
- Seamless Die Cast Aluminum
- Individually Bagged & Bar Coded



Horizontal One Gang Covers



FIG 1



FIG 2

Cat. No.	Fig.	Description	Finish	Box Qty	Each
37010	1	Duplex Receptacle	Gray	100	
37012	1	Duplex Receptacle	White	100	
37014	1	Duplex Receptacle	Bronze	100	
37020	2	GFCI/Decorator	Gray	50	
37022	2	GFCI/Decorator	White	50	
37024	2	GFCI/Decorator	Bronze	50	

Vertical One Gang Covers



FIG 3



FIG 4



FIG 5



FIG 6



FIG 7



FIG 8

Cat No.	Fig.	Description	Finish	Box Qty	Each
37110	3	Single Receptacle	Gray	100	
37112	3	Single Receptacle	White	100	
37114	3	Single Receptacle	Bronze	100	
37120	4	Duplex Receptacle	Gray	100	
37122	4	Duplex Receptacle	White	100	
37124	4	Duplex Receptacle	Bronze	100	
37130	5	GFCI/Decorator	Gray	50	
37132	5	GFCI/Decorator	White	50	
37134	5	GFCI/Decorator	Bronze	50	
37140	6	Single Receptacle 1.438" Opening	Gray	50	
37150	6	20A & 30A Twist Lock Receptacles 1.625" Opening	Gray	50	
37160	6	30A 3 & 4 Wire Twist Lock Receptacles 1.75" Opening	Gray	50	
37170	7	30A Dryer & 50A Range Receptacle 2.125" Opening	Gray	50	
37180	8	Blank	Gray	100	
37182	8	Blank	White	100	
37184	8	Blank	Bronze	100	

Rectangular Lampholder Covers



FIG 9



FIG 10

Cat. No.	Fig.	Description	No. of Closure Plugs	Finish	Box Qty	Each
37310	9	1 – 1/2" Hole	-	Gray	160	
37312	9	1 – 1/2" Hole	-	White	160	
37314	9	1 – 1/2" Hole	-	Bronze	160	
37330	10	3 – 1/2" Hole	1	Gray	160	
37332	10	3 – 1/2" Hole	1	White	160	
37334	10	3 – 1/2" Hole	1	Bronze	160	

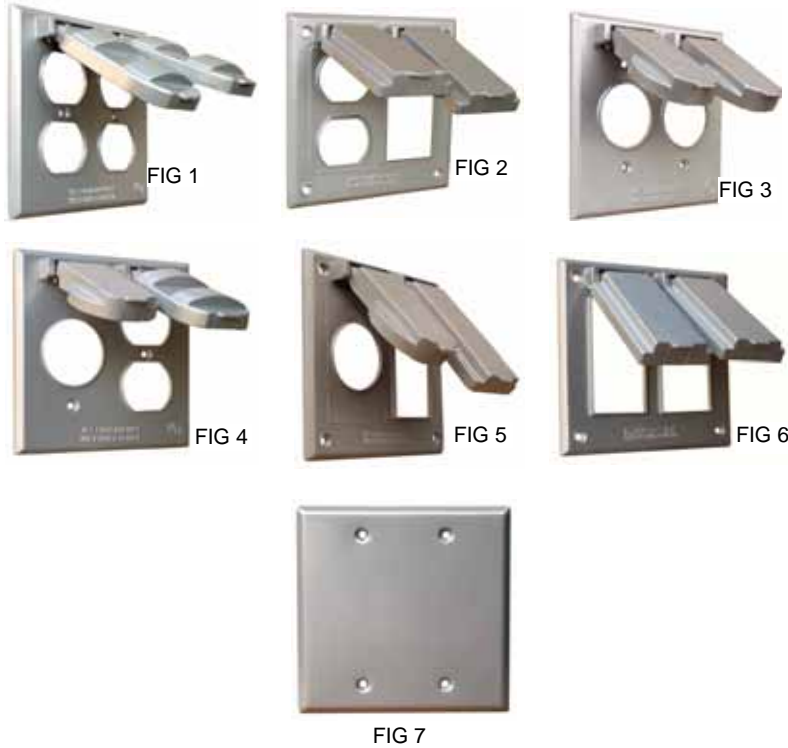


WEATHERPROOF BOXES

Two Gang Weatherproof Covers

- Gasket & Mounting Screws Supplied
- Seamless Die Cast Aluminum

- Powder Coat Finish
- Self Closing Lids
- Individually Bagged & Bar Coded



Cat No.	Fig.	Description	Finish	Box Qty	Each
37210	1	2 Duplex Receptacles	Gray	100	
37212	1	2 Duplex Receptacles	White	100	
37214	1	2 Duplex Receptacles	Bronze	100	
37220	2	1 GFCI & 1 Duplex Receptacle	Gray	100	
37222	2	1 GFCI & 1 Duplex Receptacle	White	100	
37224	2	1 GFCI & 1 Duplex Receptacle	Bronze	100	
37226	3	2 Single Receptacles	Gray	100	
37230	4	1 Single Receptacle & 1 Duplex Receptacle	Gray	100	
37240	5	1 GFCI & 1 Single Receptacle	Gray	100	
37250	6	2 GFCI Receptacles	Gray	100	
37260	7	Blank Cover	Gray	100	
37262	7	Blank Cover	White	100	
37264	7	Blank Cover	Bronze	100	

Weatherproof Box Extensions & Adapter Rings

- Includes Closure Plugs
- Gasket & Mounting Screws Supplied
- Seamless Die Cast Aluminum
- Fits All Universal Type Weatherproof Boxes

- Powder Coat Finish
- Individually Bagged
- Bar Coded



Cat No.	Fig.	No. of Outlet Holes	Outlet Hole Dia.	No. of Closure Plugs	Finish	Box Qty	Each
One Gang Extension Ring 9.3 Cubic Inch Capacity Length 4-1/2" X Width 2-3/4" X Depth 1"							
36510	8	-	-	-	Gray	24	
Two Gang Extension Ring 16.3 Cubic Inch Capacity Length 4-1/2" X Width 4-1/2" X Depth 1"							
36512	9	-	-	-	Gray	24	
One Gang Flanged Box Extension Adapter 10.0 Cubic Inch Capacity Length 5-1/4" X Width 3-1/2" X Depth 1-1/2"							
36520	10	4	1/2"	2	Gray	50	
36530	10	4	3/4"	2	Gray	50	
36540	11	6	1/2"	2	Gray	50	
36550	11	6	3/4"	2	Gray	50	



WEATHERPROOF BOXES

4" Round Weatherproof Boxes & Extensions

- Includes Closure Plugs
- Ground Screw Installed in Boxes
- Seamless Die Cast Aluminum
- Powder Coat Finish
- Individually Bagged
- Bar Coded



15.3 Cubic Inch Capacity – 1 1/2" Deep



FIG 1



FIG 2

Cat. No.	Fig.	No. of Outlet Holes	Outlet Hole Dia.	No. of Closure Plugs	Finish	Box Qty	Each
4" ROUND WEATHERPROOF BOXES							
36610	1	5	1/2"	4	Gray	40	
36612	1	5	1/2"	4	White	40	
36614	1	5	1/2"	4	Bronze	40	
36620	1	5	3/4"	4	Gray	40	
4" ROUND WEATHERPROOF BOX EXTENSIONS							
36710	2	4	1/2"	3	Gray	40	
36720	2	4	3/4"	3	Gray	40	

4" Round Weatherproof Covers



FIG 1



FIG 2



FIG 3



FIG 4

- Includes Closure Plugs
- Gasket & Mounting Screws Supplied
- Seamless Die Cast Aluminum
- Powder Coat Finish
- Individually Bagged
- Bar Coded



Cat. No.	Fig.	No. of Outlet Holes	Outlet Hole Dia.	No. of Closure Plugs	Finish	Box Qty	Each
36810	1	1	1/2"	-	Gray	50	
36812	1	1	1/2"	-	White	50	
36814	1	1	1/2"	-	Bronze	50	
36830	2	3	1/2"	1	Gray	50	
36832	2	3	1/2"	1	White	50	
36834	2	3	1/2"	1	Bronze	50	
36840	3	3	1/2"	1	Gray	50	
36842	3	3	1/2"	1	White	50	
36844	3	3	1/2"	1	Bronze	50	
36850	4		Blank		Gray	50	

In-Use Weatherproof Covers



One Gang



Two Gang

- Meets 2002 NEC 406.9(B) Code
- Weatherproof While in Use
- Quick Fit Install in Seconds
- Maximum Impact Resistance
- Movable Hinges for Easy Vertical or Horizontal Mounting (2 gang only)
- Maximum Versatility, Easily Configured
- 2-3/4" Depth
- Single gang supports 7 switch & receptacle styles
- Double gang supports 6 switch & receptacle styles



Cat No.	Description	Case Qty	Each
38900	1 gang	40	
38910	2 gang	30	



LIGHTING

Emergency Lighting Units

- 4 Decorative & Economical Units with Modern Appearance & Low Maintenance
- Completely Self-Contained
- Fully Automatic Operation
- Compact, Low Profile Designs in Neutral Finish
- Push to Test Switch
- 6-Volt, Pure Lead, Maintenance Free Battery
- Environmental Coated, Solid State Charger
- 2 x 5.4 Watt Incandescent Lamps
- Automatic, Low Voltage Disconnect (LVD)
- Universal Transformer for 120 or 277 VAC
- Replacement bulb GE 939 or equal



- Universal Mounting Plate
- Injection Molded, V-O Flame Retardant, High Impact, Thermoplastic Housing
- Charge Rate/Power on LED Indicator Light
- 90 Minute Emergency Operation
- ETL Rated Damp Location
- Model #73122 has Remote Capability for up to 2 Additional Standard Remote Lighting Fixtures
2 heads - 4 hours operation
3 heads - 2 hours operation
4 heads - 1.5 hours operation



#73110 PRISM



#73120/73122 LOW PROFILE SIDE LIGHTS

Cat No.	Style	Color	Length	Depth	Height	Case Qty	Each
73110	Prism	White	12"	2.25"	5"	6	
73111	Prism	Black	12"	2.25"	5"	6	
73120	Low profile side lights	White	16"	5"	5"	6	
73121	Low profile side lights	Black	16"	5"	5"	6	

Remote Capable

Cat No.	Style	Color	Length	Depth	Height	Case Qty	Each
73122	Low Profile Side Lights	White	16"	5"	5"	6	

Remote Emergency Light Heads



- Used with remote capable emergency lights & remote capable combo exit/emergency light



73060



73062



73066



73067



73068



73069



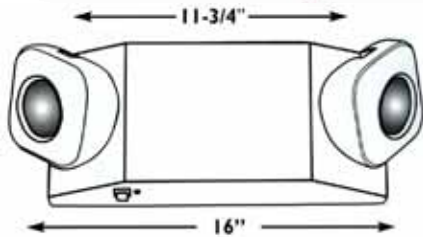
73064
Weatherproof



73065
Weatherproof

Cat No.	Weatherproof	Heads	Volts	Watts	Lamp	Each
73060	No	1	6	5.4	Incandescent	
73062	No	2	6	7.2	Incandescent	
73066	No	1	6	5.4	Incandescent	
73067	No	2	6	7.2	Incandescent	
73068	No	1	6	5.4	MR-16	
73069	No	2	6	7.2	MR-16	
73064	Yes	1	6	5.4	Incandescent	
73065	Yes	2	6	7.2	Incandescent	

MR-16 Emergency Lighting Units



Modern design with “EZ” install back plate and MR16 Halogen lamp for precise clean illumination

- Completely self-contained
- Fully automatic operation
- Compact, low profile design in neutral finish
- Universal mounting plate with “EZ” quick connect for rapid labor saving installation
- Push to test switch
- 6-volt, pure lead, maintenance-free battery
- Environmentally-coated, solid state charger
- Automatic, low voltage disconnect (LVD)
- Universal transformer for 120 or 277 VAC
- Injection-molded, V-O flame retardant, high impact, thermoplastic housing
- Charge rate/ power on LED indicator light
- Lamp wattage 2X5 watt
- Emergency operation 90 minutes

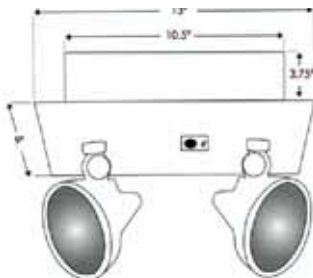
Cat No.	Color	Case Qty	Each
73152	White	6	
73154	Black	6	

Remote Capable-Damp Location Listed

* Based on 5 watt lamps

Cat No.	Color	Watts Per Unit	Maximum Heads for 4 hrs Operation	Maximum Heads for 2 hrs Operation	Maximum Heads for 1.5 hrs Operation	Case Qty	Each
73156	White	22	2	3	4	6	
73157	Black	22	2	3	4	6	

Recessed Twin Head Emergency Lighting Units



Recessed emergency lighting unit mounts flush with ceiling for a concealed, unobtrusive look

- Completely self-contained
- Compact, flush mount design
- Mounting bar hangers included
- 6-volt, pure lead, maintenance-free battery
- Environmentally-coated, solid state charger
- Automatic, low voltage disconnect (LVD)
- Universal transformer for 120 or 277 VAC
- Injection-molded, V-O flame retardant, high impact, thermoplastic housing
- Charge rate/ power on LED indicator light
- Large battery for remote capacity
- Push to test switch
- 90 minute emergency operation
- 6 Volt 7.2Watt #939 lamp
- Remote capable

Cat No.	Color	Case Qty	Each
73158	White	6	



LIGHTING

Emergency Lighting Unit With Remote Capacity

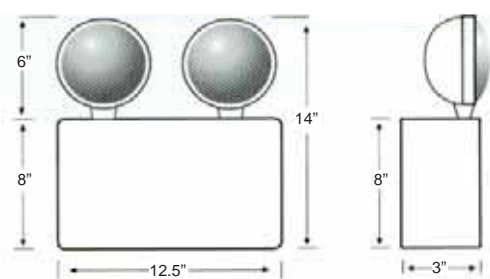


6 Volt and 12 Volt

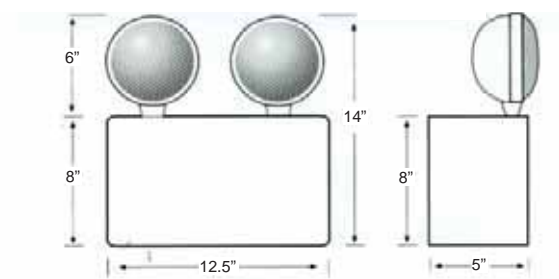
Heavy Duty emergency lighting unit has remote capability, and is efficient and easy to install. It is completely self-contained and fully-automatic.

- Compact, low profile design in neutral finish
- Push to test switch
- 6-Volt premium grade, pure lead, maintenance-free batteries with 10-year expected life
- Side and top conduit K/Os
- Automatic low voltage disconnect (LVD).
- Universal transformer for 120 or 277 VAC operation
- Standard with two fully adjustable, glare free lighting heads
- Charge rate/power on LED indicator light

50 Watt Units



100 Watt Units



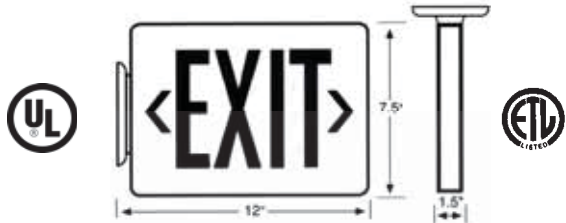
6-Volt Units with Remote Capacity 7.2 Watt Lamps

Cat No.	Watts Per Unit	Maximum Heads for 4 hrs Operation	Maximum Heads for 2 hrs Operation	Maximum Heads for 1.5 hrs Operation	Case Qty	Each
73166	50	2	4	5	2	
73170	100	4	9	12	2	

12-Volt Units with Remote Capacity 9 Watt Lamps

Cat No.	Watts Per Unit	Maximum Heads for 4 hrs Operation	Maximum Heads for 2 hrs Operation	Maximum Heads for 1.5 hrs Operation	Case Qty	Each
73176	50	2	3	5	2	
73180	100	4	7	10	2	

LED Exit Sign



- Superior Quality Exit Unit Combined with LED Energy Saving Technology In a Low-Profile, Unobtrusive Design
- Completely Self-Contained
- Fully Automatic Operation
- Compact, Low Profile Design in Neutral Finish
- Push to Test Switch in Battery Backup Units
- Automatic, Low Voltage Disconnect (LVD)
- 120 or 277 VAC Operation
- Injection-Molded, V-O Flame Retardant, High Impact, Thermoplastic Housing
- Charge Rate/Power On LED Indicator Light
- Energy Consumption of Less than 4 Watts for Red Letters and Less than 2 Watts for Green Letters
- Listed for Damp Location
- Universal Mounting Canopy & 2 Face Plates for Side or Top Installation
- Standard AC and Emergency Units Available
- Ni-CAD Battery On Battery Backup Units
- 90 Minute Battery Run Time
- 700MAH 4.8V Nicad Battery

Cat No.	LED Color	Housing	Battery Backup	Case Qty	Each
73010	Red	White	No	6	
73012	Red	White	Yes	6	
73013	Red	Black	Yes	6	
73014	Green	White	No	6	
73016	Green	White	Yes	6	
73017	Green	Black	Yes	6	

Remote Capable Units

Cat No.	LED Color	Housing	Battery Backup	Case Qty	Each
73022	Red	White	Yes	6	
73023	Red	Black	Yes	6	
73024	Green	White	Yes	6	
73025	Green	Black	Yes	6	

2 Circuit Unit

Cat No.	LED Color	Housing	Battery Backup	Case Qty	Each
73026	Red	White	Yes	6	
73028	Green	White	Yes	6	

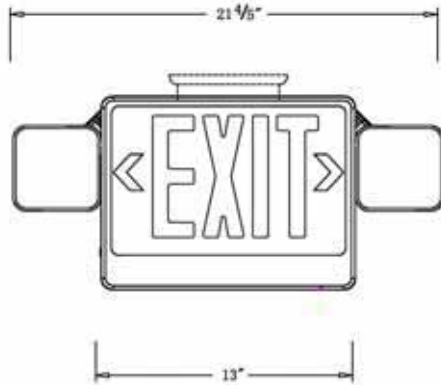
Salida Face Plates

Cat No.	Lettering	Led Color	Housing	Each
73005	SALIDA	Red	White	



LIGHTING

Combo LED Exit Emergency Light



- Combination Energy Saving LED Exit Sign and Emergency Lighting Unit In One Compact Design
- Completely Self-Contained
- Fully Automatic Operation
- Push to Test Switch
- Automatic, Low Voltage Disconnect (LVD)
- 120 or 277 VAC Operation
- Charge Rate/Power On LED Indicator Light
- 6-Volt 4.5AH Lead-Acid Maintenance-Free Battery Provides 90 minutes of Emergency Power
- Environmentally-Coated, Solid State Charger
- Injection-Molded, UL 94 V-O Flame Retardant, High Impact Thermoplastic Housing
- Standard with Two Fully Adjustable Glare-Free 5.4 Watt DC Long Life Lamp Heads
- Heads Rotate to Top or Side of Unit & 180° + for Maximum Flexibility in Field
- Universal J Box Mounting Canopy & 2 Face Plates for Side or Top Installation
- Models #73034 – 73037 have additional 12 Watt Remote Capability for up to 2 Additional Standard Remote Lighting Fixtures
- Base Unit (2 heads) - 4 hours operation
- 3 heads - 2 hours operation
- 4 heads - 1.5 hours operation
- Damp Location Rated
- UL 924



Cat No.	Led Color	Housing	Width	Depth	Height	Case Qty	Each
73030	Red	White	13.00"	2.50"	11.00"	4	
73031	Red	Black	13.00"	2.50"	11.00"	6	
73032	Green	White	13.00"	2.50"	11.00"	6	
73033	Green	Black	13.00"	2.50"	11.00"	6	

Remote Capable Units

Cat No.	LED Color	Housing	Width	Depth	Height	Case Qty	Each
73034	Red	White	13.00"	2.50"	11.00"	6	
73035	Red	Black	13.00"	2.50"	11.00"	6	
73036	Green	White	13.00"	2.50"	11.00"	6	
73037	Green	Black	13.00"	2.50"	11.00"	6	

Salida Face Plates

Cat No.	Lettering	Led Color	Housing	Each
73046	SALIDA	Red	White	

Surface Mount Edge Lit LED Exit Signs



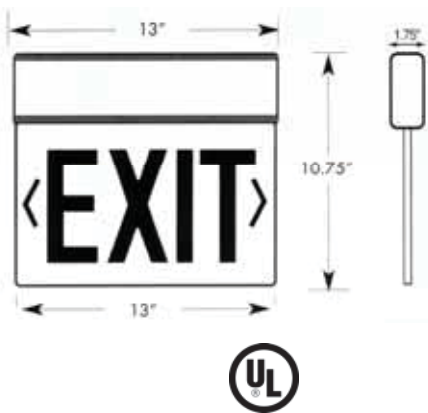
Wall Mount



Ceiling Mount



Side Mount



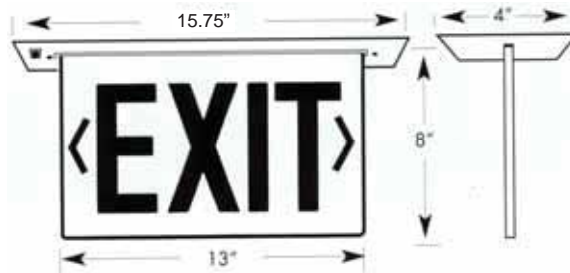
- Compact, low-profile design
 - Energy consumption of less than 3 watts for AC only and less than 5 watts for battery backup units
 - Emergency battery backup model is completely self-contained
 - Infield installable directional indicators
 - Tri-mount canopy provides top, end or back mount convenience (Surface only)
 - Premium Grade extruded aluminum housing
- Standard AC and energy units available
 - AC on indicator light and test switch
 - Sealed lead battery
 - 120/277 Volt operation
 - Solid State electronics and charger board
 - UV stabilized ultra clear acrylic panel
 - Premium high output ultra bright LED's
 - All units include single side face plate (must purchase double sided face plate separately if needed)

Cat No.	Surface	Panel Color	Housing	Carton Qty	Each
73310		Red on clear	Anodized Aluminum	6	
73311		Red on clear	White	6	
73312		Red on clear	Black	6	
73315		Green on clear	Anodized Aluminum	6	
73316		Green on clear	White	6	
73317		Green on clear	Black	6	

Double Sided Face Panel for Surface & Recessed Mount Units

Cat No.	Panel Color	Each
73320	Red on clear	
73322	Green on clear	

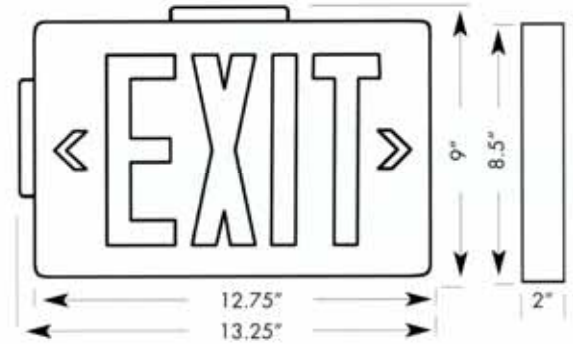
Recessed Mount Edge Lit LED Exit Signs



Good for Sheetrock & Recessed Ceilings

Cat No.	Recessed	Panel Color	Housing	Carton Qty	Each
73330		Red on clear	Anodized Aluminum	6	
73331		Red on clear	White	6	
73332		Red on clear	Black	6	
73335		Green on clear	Anodized Aluminum	6	
73336		Green on clear	White	6	
73337		Green on clear	Black	6	

Cast Aluminum LED Exit Sign



LED cast aluminum Series utilizes a unique illumination design in an architecturally pleasing housing

- Universal 120/277 VAC operation on all exits
- LED energy savings
- Damp location rated
- Universal canopy included (wall or ceiling mounted)
- Premium grade Ni-cad rechargeable battery
- Sleek Curved Design
- Powder Coat Finish
- Curved design
- Spec grade
- Universal K/O chevrons
- Quick clip snap closure for front face plate
- Grounded safety cable
- All units include two face plates and flat back panel to allow 1 or 2 sided display

Cat No.	Letter Color	Housing finish	Face color	Carton Qty	Each
73340	Red	Brushed Aluminum	Brushed Aluminum	6	
73343	Red	Black	Brushed Aluminum	6	
73344	Red	Black	Black	6	
73346	Red	White	Brushed Aluminum	6	
73348	Red	White	White	6	
73360	Green	Brushed Aluminum	Brushed Aluminum	6	
73363	Green	Black	Brushed Aluminum	6	
73364	Green	Black	Black	6	
73366	Green	White	Brushed Aluminum	6	
73368	Green	White	White	6	

Wet Location LED Exit Sign and Combo Unit



Combo Battery Backup Unit

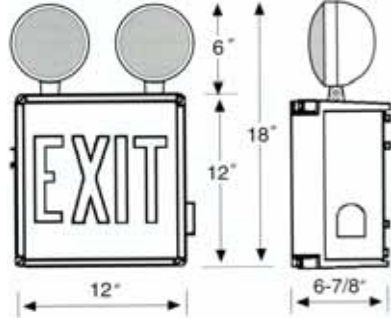


- Perfect for Outdoor Commercial & Industrial Facilities where exposure to Rain is normally al major Lighting Fixture problem
- ABS, corrosion resistant UV Stabilized enclosure
- AC only or self-powered models
- Universal 120/277 VAC operation
- Removable directional indicators
- Extremely low operating costs
- Meets NFPA life safety 101, NEC, OSHA, NEC, and local and state codes
- 90 minute emergency operation
- NEMA 3R Rated



Exit Battery Backup Unit

Enclosure is resistant to corrosive atmospheres, non-hazardous dust environments, water spray or splashing water



Exit Battery Backup Units

Cat No.	Letter Color	Each
73390	Red	
73391	Green	

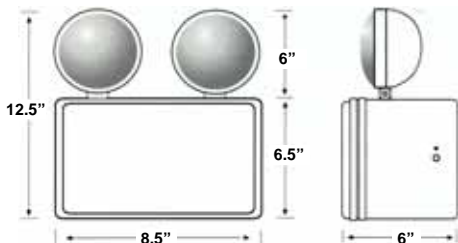
Combo Battery Backup Units

Cat No.	Letter Color	Each
73393	Red	
73394	Green	

Emergency Lighting Unit Wet Location



- ABS, corrosion resistant UV stabilized enclosure
- Dual 120 or 277 VAC input, field selectable
- Automatic brownout feature
- Solid-state charging circuit
- Solid-state line-latched low voltage disconnect provides 100% load disconnect protection to guard against battery deep discharge
- Short circuit and overload protection on DC output circuit
- Sealed momentary test switch
- Sealed AC ready light
- Wet location listed
- 2 X 7.2W lamp wattage
- 6V battery voltage
- 2 Remote Capable Heads allowed on Model #73397



This enclosure is ideal for wet locations, resistant to corrosive atmospheres, non-hazardous dust environments, water spray or splashing water

Cat No.	Type	Emergency Operation	Each
73396	Standard	90 min.	
73397	Remote Capable	90 min. +	



LIGHTING

Hard Wire LED Exit Sign Retrofit Kits



- Converts Incandescent Exit Light Units to LED
- 120 or 277 VAC Applications
- 2.8 Watts Per Kit
- Kits Complete with Mounting Bracket & Double Face Tape
- 1 Set of 2 Bulbs

Cat No.	Description	Each Set
73080	Hard Wire Unit Red LED	
73081	Hard Wire Unite Green LED	

Screw In LED Exit Sign Retrofit Kits



- Converts Incandescent Exit Light Units to LED
- 120 VAC Applications, 2.8 Watts Per Kit
- Socket Adapter Supplied – for signs with Bayonet, Intermediate or Candelabra bases
- Each Unit is 5-1/8" Tall & 5/8" wide – add 1/8" with Adapters
- Priced Per Set of 2 Bulbs

Cat No.	Description	Each Set
73082	Screw in Unit Red LED	
73084	Screw in Unit Green LED	

100,000 Hours Life Expectancy

Polycarbonate Vandal/ Environmental Shield Guard



H13.5" X W15" X D6"
73090



73091-73093

Cat No.	For Use With	Size (Ht x W x D)	Each
73090	Exit Lights & Cast Aluminum Exit Lights	13.5" X 15" X 6"	
73091	Emergency Lights	8.4" x 18.7" x 6.5"	
73092	Exit Lights & Cast Aluminum Exit Lights	15" x 22" x 8"	
73093	Combo Exit/Emergency Lights	15" x 30.5" x 8"	

Wire Guard

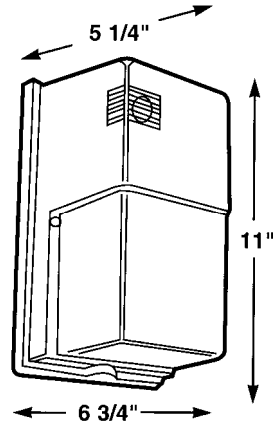


Cat No.	For Use With	Size (Ht x W x D)	Each
73095	Emergency Lights, Exit Lights & Cast Aluminum Exit Lights	13.5" X 15" X 6"	
73096	Combo Emergency/Exit Lights	13.5" X 30" X 6"	

Mini Wall Packs

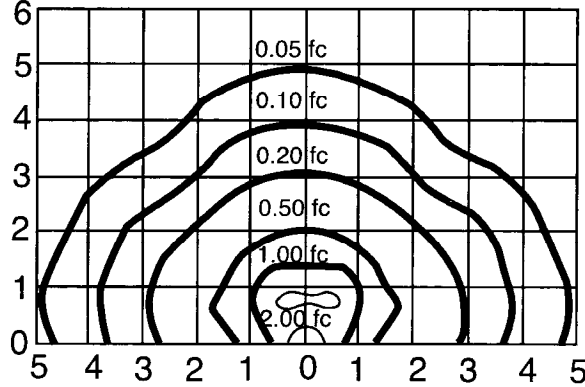


- UL Listed for Wet Locations
- Corrosion Resistant
- Polycarbonate Lens & Bronze Finish
- Lamp & Phototeye Included
- Aluminum Base Plate with Conduit Knockout



70W HPS @ 15' Mounting Height

Multiples of Mounting Height



MULTIPLIERS FOR DIFFERENT MOUNTING HEIGHTS			
Mounting Height	8'	10'	12'
Multiply by	3.5	2.25	1.6
MULTIPLIERS FOR DIFFERENT WATTAGES			
Wattage	70	50	26
HPS Multiply by	1.0	.63	
Fluorescent Multiply by			.36

Cat No.	Lamp	Volts	Watts	Lamp Base	Carton Qty	Each	
71010	HPS	120V	50	Medium	6		
71012	HPS	120V	70	Medium	6		
71016	1 PL X 13W	120V	13	PL	6		
71018	2 PL X 13W	120V	26	PL	6		
72010	Replacement Frame & Polycarbonate Lens Mounted						

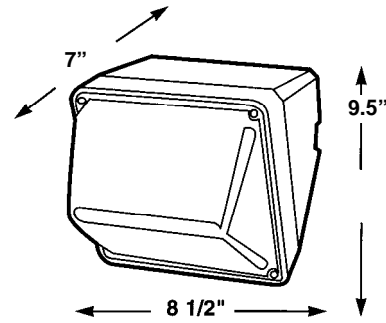


LIGHTING

Small Wall Packs

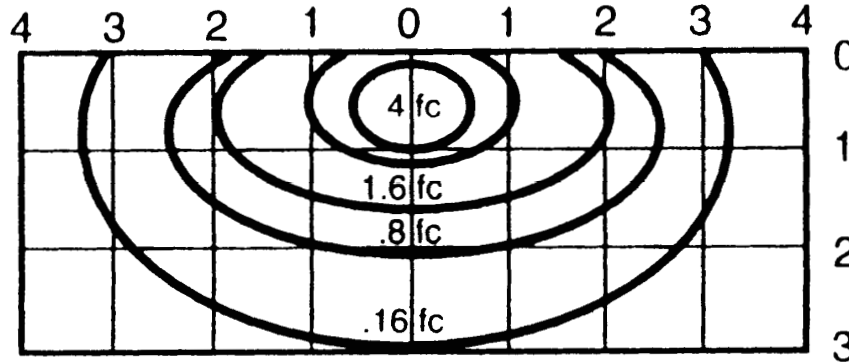


- UL listed for Wet Locations
- Corrosion Resistant
- Borosilicate Glass Prismatic Lens
- Bronze Finish
- 3 Threaded Apertures for Conduit & Photo Control
- Lamp included
- Die Cast Aluminum Housing



70W MH @ 10' Mounting Height

Multiples of Mounting Height



Isofootcandles

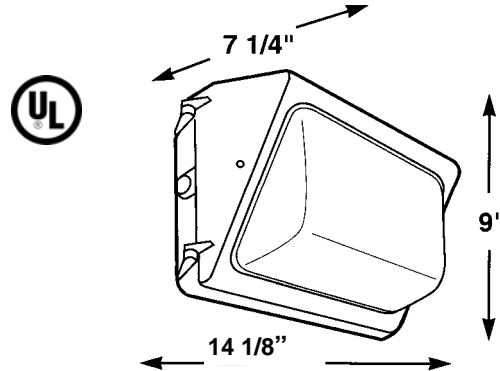
MULTIPLIERS FOR DIFFERENT MOUNTING HEIGHTS				
Mounting Height	8'	12'	16'	20'
Multiply by	1.6	.7	.4	.25
MULTIPLIERS FOR DIFFERENT WATTAGES				
Wattage	150	100	70	
HPS Multiply by	3.1	1.9		
Metal Halide Multiply by		1.56	1.0	

Cat No.	Lamp	Volts	Watts	Lamp Base	Carton Qty	Each	
71020	HPS	120V	100	Medium	6		
71025	HPS	120/208/240/277	150	Medium	6		
71026	MH	120/208/240/277	70	Medium	6		
71027	MH	120/208/240/277	100	Medium	6		
72021	Replacement Door Frame with Glass Mounted						
72022	Wireguard for Small Wallpack						

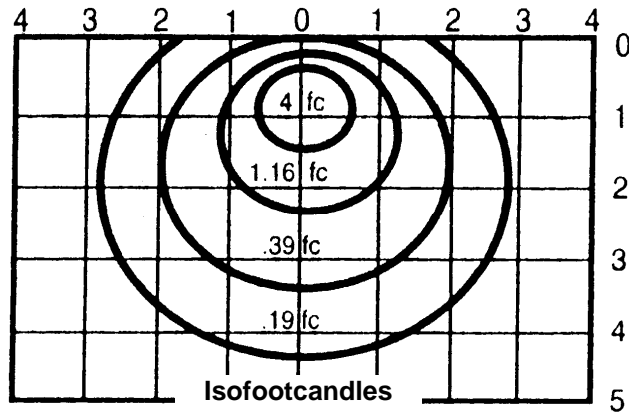
Medium Wall Packs



- UL Listed for Wet Locations
- Corrosion Resistant
- Bronze Finish
- Die Cast Aluminum Housing
- High Impact, Heat Resistant Borosilicate Glass
- Lamp Included
- 2 Threaded Apertures - Back for conduit & Top for Photocontrol



175W MH @ 15' Mounting Height
Multiples of Mounting Height



MULTIPLIERS FOR DIFFERENT MOUNTING HEIGHTS			
Mounting Height	10'	12'	15'
Multiply by	2.25	1.56	1.0
MULTIPLIERS FOR DIFFERENT WATTAGES			
Wattage	175	150	100
HPS Multiply by		1.19	
Metal Halide Multiply by	1.0		.58

Cat No.	Lamp	Volts	Watts	Lamp Base	Each
71030	HPS	120V	150	Medium	
71032	HPS	120/208/240/277	150	Medium	
71034	MH	120/208/240/277	100	Medium	
71036	MH	120/208/240/277	175	Medium	
72030	Replacement Door Frame with Glass Mounted				
72032	Wireguard for Medium Wallpack				

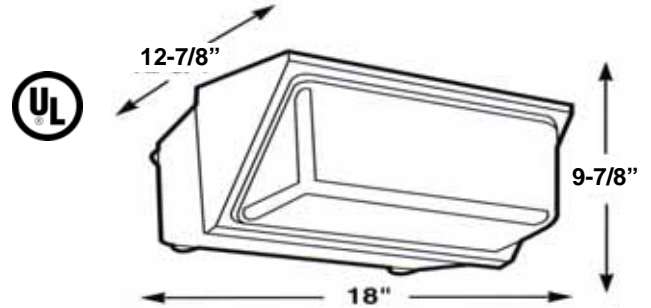


LIGHTING

Large Wall Packs

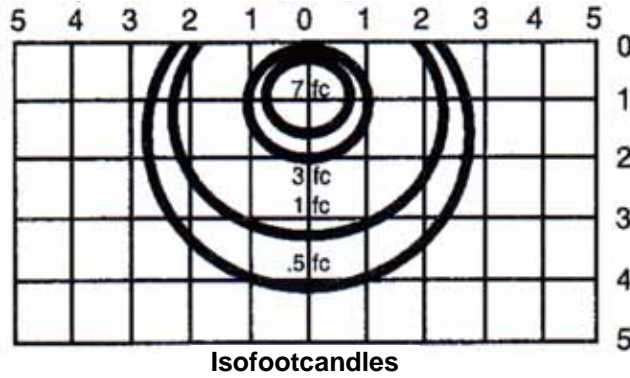


- UL Listed for Wet Locations
- Corrosion Resistant
- Bronze Finish
- Die Cast Aluminum Housing
- High Impact, Heat Resistant Borosilicate Glass
- Lamp Included
- 2 Threaded Apertures—(2) Back & (2) Top



400W HPS @ 20' Mounting Height

Multiples of Mounting Height



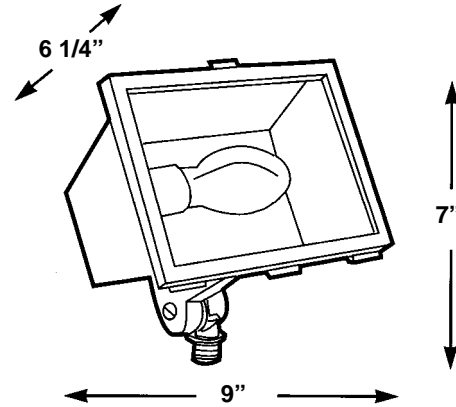
MULTIPLIERS FOR DIFFERENT MOUNTING HEIGHTS						
Mounting Height	16'	20'	24'	28'	32'	36'
Multiply by	1.8	1.0	.7	.5	.4	.3
MULTIPLIERS FOR DIFFERENT WATTAGES						
Wattage	400	250				
HPS Multiply by	1.0	.6				
Metal Halide Multiply by	.8	.5				

Cat No.	Lamp	Volts	Watts	Lamp Base	Each
71040	HPS	120/208/240/277	250	Mogul	
71042	MH	120/208/240/277	250	Mogul	
71050	HPS	120/208/240/277	400	Mogul	
71052	MH	120/208/240/277	400	Mogul	
72040	Replacement Door Frame with Glass Mounted				
72042	Wireguard for Large Wallpack				

Small Floodlight

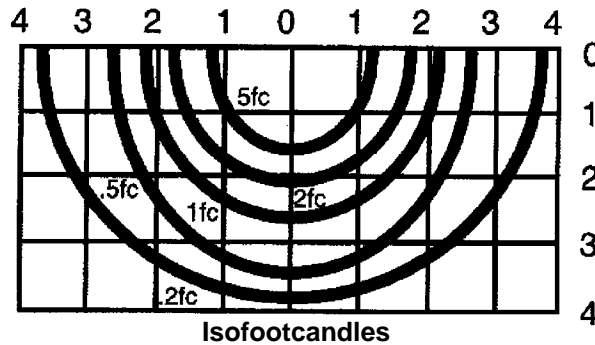


- UL Listed for Wet Locations
- Corrosion Resistant
- Bronze Finish
- Die Cast Aluminum Housing
- Hinged, Tempered Glass Lens
- Adjustable Knuckle
- Lamp Included



150W HPS @ 10' Mounting Height

Multiples of Mounting Height



MULTIPLIERS FOR DIFFERENT MOUNTING HEIGHTS				
Mounting Height	8'	12'	16'	20'
Multiply by	1.5	.7	.4	.25
MULTIPLIERS FOR DIFFERENT WATTAGES				
Wattage	150	100	70	50
HPS Multiply by	1.0	.6	.35	.25

Cat No.	Lamp	Volts	Watts	Lamp Base	Case Qty	Each	
71060	HPS	120	50	Medium	6		
71062	HPS	120	70	Medium	6		
71064	HPS	120	100	Medium	6		
71066	HPS	120	150	Medium	6		
72050	Replacement Door Frame with Glass Mounted						
72052	Wireguard for Small Floodlight						

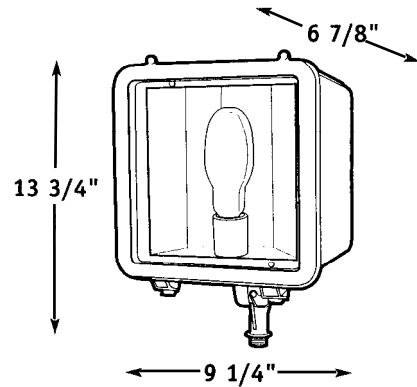


LIGHTING

Medium Floodlight

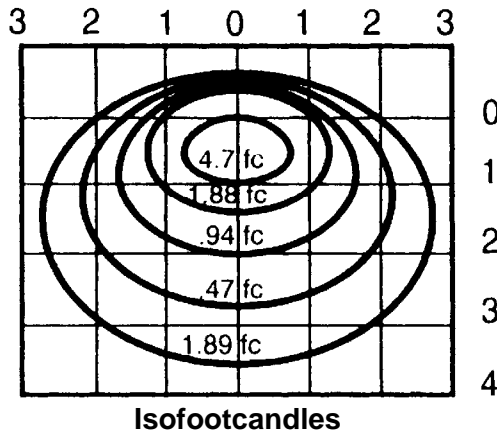


- UL Listed for Wet Locations
- Corrosion Resistant
- Bronze Finish
- Die Cast Aluminum Housing
- Hinged, Tempered Glass Lens
- Adjustable Knuckle
- Lamp Included



175W MH @ 15' Mounting Height

Multiples of Mounting Height



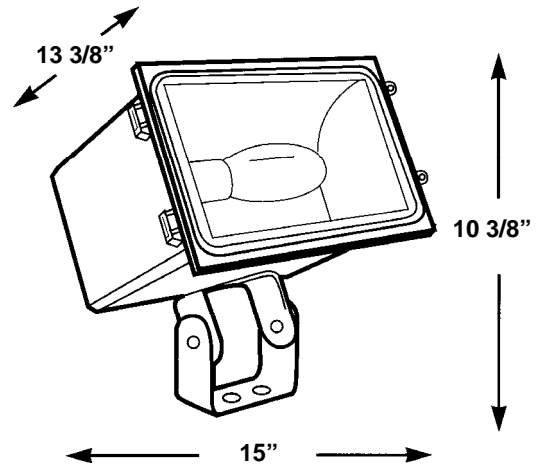
MULTIPLIERS FOR DIFFERENT MOUNTING HEIGHTS			
Mounting Height	12'	15'	18'
Multiply by	1.56	1.0	.70
MULTIPLIERS FOR DIFFERENT WATTAGES			
Wattage	175	100	70
Metal Halide Multiply by	1.0	.58	.37

Cat No.	Lamp	Volts	Watts	Lamp Base	Case Qty	Each
71067	MH	120/208/240/277	70	Medium	6	
71068	MH	120/208/240/277	100	Medium	6	
71069	MH	120/208/240/277	175	Medium	6	
72055	Replacement Door Frame with Glass Mounted					
72057	Wireguard for Medium Floodlight					

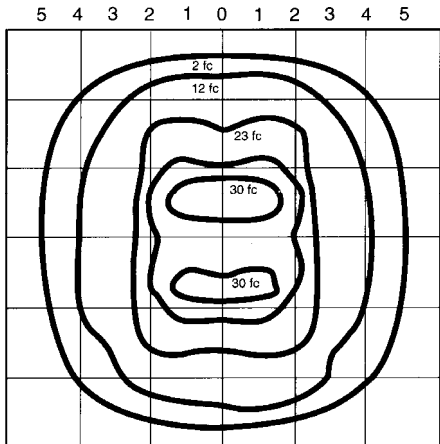
Large Floodlight



- UL Listed for Wet Locations
- Corrosion Resistant
- Bronze Finish
- Die Cast Aluminum Housing
- Hinged, Tempered Glass Lens
- Trunion Mount Included
- Lamp Included
- Pole Tenon Mount Available
- Lamp Included



400 HPS @ 15ft. Mounting Height
 Multiples of Mounting Height



MULTIPLIERS FOR DIFFERENT MOUNTING HEIGHTS			
Mounting Height	20	25	30
Multiply by	.57	.36	.25
MULTIPLIERS FOR DIFFERENT WATTAGES			
Wattage	400	250	175
HPS Multiply by	1.0	0.6	
Metal Halide Multiply by	0.8	0.5	0.3

Cat No.	Lamp	Volts	Watts	Lamp Base	Each
71070	HPS	120/208/240/277	250	Mogul	
71072	MH	120/208/240/277	250	Mogul	
71074	HPS	120/208/240/277	400	Mogul	
71076	MH	120/208/240/277	400	Mogul	
72060	Replacement Door Frame with Glass Mounted				
72062	Wireguard for Large Floodlight				
72065	Pole Tenon Mount for Round Poles (2-3/8" Maximum Pole Diameter)				
72066	Pole Top Trunion				

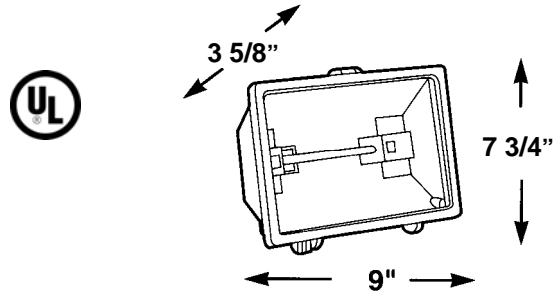


LIGHTING

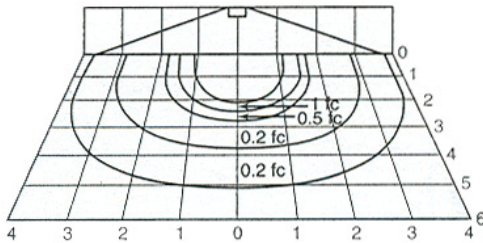
300 & 500 Watt Quartz Floodlight



- UL Listed for Wet Locations
- Precision Die Cast Aluminum Housing
- Polished Aluminum Reflector
- Bronze Finish
- Includes Premium 500 Watt, T-3 Double Ended 120/130 Volt Halogen Lamp
- Hinged, Tempered Glass Lens
- 1/2" Threaded Swivel Knuckle for Flexible Aiming



500W Quartz @ 15' Mounting Height and Aimed 30° below horizontal
Multiples of Mounting Height



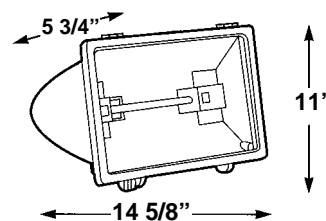
Isofootcandles			
Mounting Height	Multiply By	Different Wattages	Multiply By
12'	1.6	300	0.6
20'	0.6	500	1.0
24'	0.4	1500	3.1
15'	1.0		

Cat No.	Description	Style	Case Qty	Each
71079	300 Watt Quartz Floodlight - Bronze	Screw	12	
71080	500 Watt Quartz Floodlight - Bronze	Screw	12	
71081	500 Watt Quartz Floodlight - White	Screw	12	

1500 Watt Quartz Floodlight



- UL Listed for Wet Locations
- Precision Die Cast Aluminum Housing
- Polished Aluminum Reflector
- Bronze Finish
- Hinged, Tempered Glass Lens
- 1/2" Threaded Swivel Knuckle For Flexible Aiming
- Includes 1500 Watt, T-3 Double Ended 240 Volt Halogen Lamp



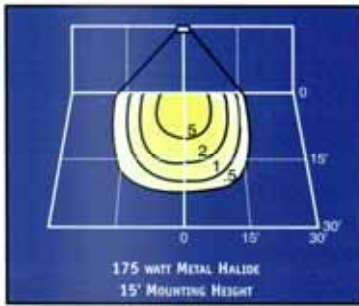
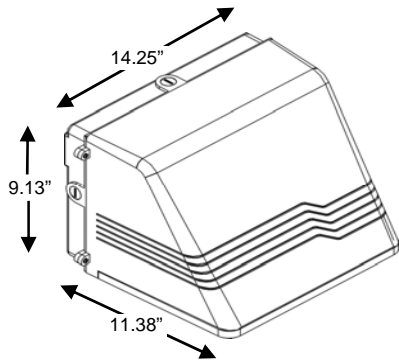
Cat No.	Description	Case Qty	EACH
71090	1500 Watt Quartz Floodlight	4	

Dark Sky Wall Packs

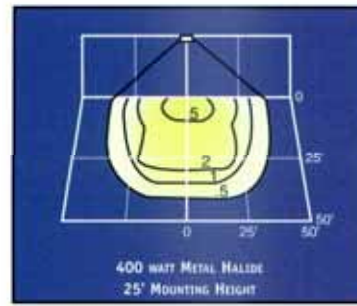
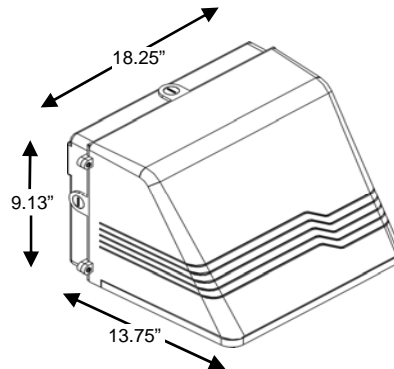


- Meets Local Dark Sky Requirements which are in effect in various areas
- Light does allow light to shine up to the sky
- Excellent for use as an Uplight
- UL Listed for Wet Locations
- Corrosion Resistant
- Bronze Finish
- Die Cast Aluminum Hinged Front & Rear Housing
- Tempered Clear Glass Lens
- 3 Threaded Apertures for Conduit & Photo Control
- Lamp Included

Medium Specifications



Large Specifications



MULTIPLIERS FOR DIFFERENT MOUNTING HEIGHTS			
Mounting Height	10'	12'	15'
Multiply by	2.25	1.56	1.0
MULTIPLIERS FOR DIFFERENT WATTAGES			
Wattage	175	150	
HPS Multiply by		1.19	
Metal Halide Multiply by	1.0		

MULTIPLIERS FOR DIFFERENT MOUNTING HEIGHTS			
Mounting Height	20'	25'	32'
Multiply by	1.43	1.0	.57
MULTIPLIERS FOR DIFFERENT WATTAGES			
Wattage	250	400	
HPS Multiply by	.833		
Metal Halide Multiply by	.625	1.0	

Cat No.	Size	Lamp	Dimensions WxHxD	Volts	Watts	Lamp Base	Case Qty	Each
71110	Medium	HPS	14.25" X 9.13" X 11.38"	120	150	Medium	1	
71112	Medium	MH	14.25" X 9.13" X 11.38"	120/208/240/277	175	Medium	1	
71114	Large	HPS	18.25" X 9.13 X 13.75"	120/208/240/277	250	Mogal	1	
71116	Large	MH	18.25" X 9.13 X 13.75"	120/208/240/277	250	Mogal	1	
71118	Large	MH	18.25" X 9.13 X 13.75"	120/208/240/277	400	Mogal	1	
72096	Replacement Door Frame with Glass Mounted for Medium Cutoff Wall Pack							
72098	Replacement Door Frame with Glass Mounted for Large Cutoff Wall Pack							



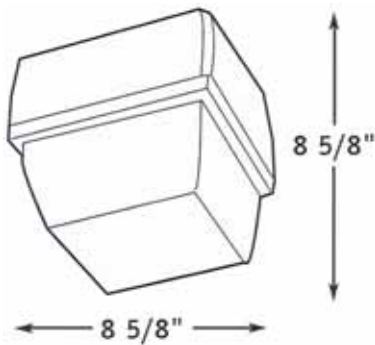
LIGHTING

Vandal Resistant Fixtures

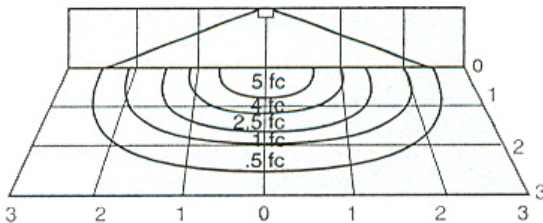


- UL Listed for Wet Locations
- Corrosion Resistant
- Bronze Finish
- Die Cast Aluminum Housing
- Clear Injection Molded Polycarbonate Lens
- Lamp Included

Medium Specifications

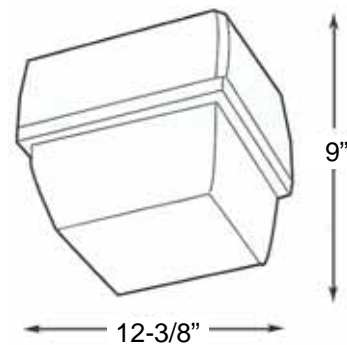


70W HPS @ 8' Mounting Height
Multiples of Mounting Height

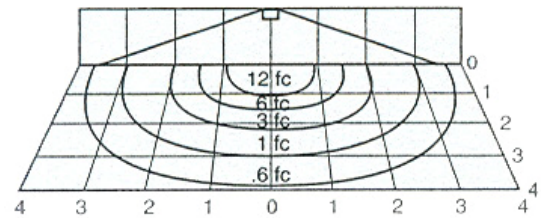


MULTIPLIERS FOR DIFFERENT MOUNTING			
Mounting Height	8'	9'	10'
Multiply by	1.0	.8	.6
MULTIPLIERS FOR DIFFERENT WATTAGES			
Wattage	70		
HPS Multiply by	1.0		
Metal Halide Multiply by	.9		

Large Specifications



150W HPS @ 8' Mounting Height
Multiples of Mounting Height



MULTIPLIERS FOR DIFFERENT MOUNTING HEIGHTS					
Mounting Height	8'	9'	10'	12'	14'
Multiply by	1.0	.8	.6	.4	.3
MULTIPLIERS FOR DIFFERENT WATTAGES					
Wattage	175	150			
HPS Multiply by		1.0			
Metal Halide Multiply by	.9				

Cat No.	Size	Lamp	Volts	Watts	Lamp Base	Case Qty	Each
71093	Medium	HPS	120	70	Medium	8	
71094	Medium	MH	120/208/240/277	70	Medium	8	
71095	Large	HPS	120	150	Medium	1	
71096	Large	MH	120/208/240/277	175	Medium	1	
72090	Replacement Lens for Medium Vandal Resistant						
72092	Replacement Lens for Large Vandal Resistant						

Motion Activated Twin Par Light



- Turns Lights on Automatically When Motion is Detected
- Ideal for Walkways, Entrances and Patios
- Durable High Impact
- Nonmetallic Construction in White or Bronze
- Weather Resistant Housing
- Provides Years of Trouble-Free Service
- For Use with Two 150 Watt (Max) Outdoor Lamps (Lamps Not Included)
- 180 Degree Detection Angle and Up to 53 Feet
- Can be Wall or Eave Mounted
- Auto/Off/Manual Override Switch
- Time/Lux Adjustable Switch Reduces False Alarms
- AC 120V/60 Hz Voltage

Cat No.	Color	Case Qty	Each
73210	Bronze	12	
73211	White	12	

Motion Activated Halogen Light



- Turns Lights on Automatically When Motion is Detected
- Ideal for Walkways, Entrances and Patios
- Durable High Impact
- Construction in White or Bronze
- Weather Resistance Housing
- Provides Years of Trouble-Free Service
- For use with one 150 watt (max) halogen lamp (lamp included)
- 110 Degree Detection Angle and Up to 40 Feet
- Can be Wall or Eave Mounted
- Auto/Off/Manual Override Switch
- Time/Lux Adjustable Switch Reduces False Alarms
- AC 120V/60 Hz Voltage

Cat No.	Color	Case Qty	Each
73220	Bronze	20	
73221	White	20	

Bullets



- UL Listed for wet locations
- UL Listed for ground mounting
- Pre-wired and pre-assembled
- Die cast aluminum housing
- 1/2" adjustable knuckle
- Molded weatherproof gasket
- Drain hole
- Accepts 150 Watt Par38 max.

Cat No.	Color	Box Qty	Each
73230	Black	16	
73231	White	16	
73232	Bronze	16	

Porcelain Receptacles



82110

82114



82112

- 600 Watt Lampholder
- Top Wire Design
- Twist Lock Mounting
- Medium Base
- Fit 3-1/4" or 4" Box
- 4-1/2" Outside Diameter



Cat No.	Description	Type	Case Qty	Each
82110	Keyless	Screw Terms	48	
82111	Keyless	6" Lead	48	
82112	Pull Chain	Screw Terms	48	
82113	Pull Chain	6" Lead	48	
82114	Pull Chain w/Outlet	Screw Terms	48	

Fiberglass Receptacles



- 600 Watt Lampholder
- Top Wire Design
- Twist Lock Mounting
- Medium Base
- Fit 3-1/4" or 4" Box
- 4-1/2" Outside Diameter
- Accepts Cages



Cat No.	Description	Type	Case Qty	Each
82115	Keyless	Screw Terms	48	
82116	Keyless	6" Lead	48	
82117	Pull Chain	Screw Terms	48	
82118	Pull Chain	6" Lead	48	

Fluorescent Emergency Lighting Ballasts



*All Ballasts have dual 120/277 volt input

Fluorescent emergency ballast allows the same fixture to be used for both normal and emergency operation.

In the event of a power failure, the ballast switches to the emergency mode and operates one or two of the existing lamps for a minimum of 90 minutes.

The unit contains a battery, charger, and inverter circuit in a single package. The ballast can be mounted in the wireway or on top of the fixture, and is UL listed for factory installation or retrofit applications.

Model	72900	72904
Lumens	500	1400
Linear Lamps	Number of Lamps Supported	
2'-4' Rapid, Instant, or Energy Savings, T8-T12	1	1
2'-8' Rapid, Instant, or Energy Savings, T8-T12, HO, VHO		2
2'-8' Rapid, Instant, or Energy Savings, T8-T12, HO, VHO		1
20W-40W Circline	1	1
20W-40W Circline		2
Compact Lamps		
13, 18, 26 (4-pin)	1	1
13W-42W Twin Quad or Triple (4-	1	1
40W Biax		1
50W Biax		1
55W Biax		1

Cat No.	Length	Width	Height	Each
72900	9.4"	2.4"	1.5"	
72904	13.3"	2.4"	1.5"	

Photocontrols



FIXED BASE

These controls feature a heavy-duty thermal bi-metal switch that provides a 30-45 second time delay. This virtually eliminates unwanted lamp cycling that could be caused by lightning, car headlights, etc. Although the turn-on level is pre-set at the factory, each control is furnished with an adjustable slide bar that allows field adjustment. Typically mounts on fixtures or boxes.

- Weatherproof Polycarbonate Housing
- Single Pole, Single Throw Switch
- Temperature Range: -40F – +150F
- Contact Position at Night is Normally Closed
- Power Consumption Below 1.5 Watts Average
- Standard 1/2" I.P.S. Pipe Threaded Nipple
- 6" Color Coded Leads with Wiring Diagram on Control

Cat No.	Voltage	Tungsten Rating	Ballast Rating	Master Box Qty	Each
39010	120	2000W	1000 (VA)	12	
39012	208-277	2000W	1000 (VA)	12	



SWIVEL BASE

Does All Functions That Model #39010 Fixed Base Photocontrol Accomplishes

- Equipped with a Field Adjustable Swivel Base to Provide Maximum Installation Flexibility

Cat No.	Voltage	Tungsten Rating	Ballast Rating	Master Box Qty	Each
39020	120	2000W	1000 (VA)	12	
39022	208-277	2000W	1000 (VA)	12	



FLUSH MOUNT

The 6" wire leads exit from the rear of the housing, allowing the control to be placed in tight locations while positioning the wire for easy access. Features a heavy-duty thermal bi-metal switch that provides a 30-45 second time delay. This virtually eliminates unwanted lamp cycling that could be caused by lightning, etc. Typically mounts in wall packs.

- Weatherproof Polycarbonate Housing
- Single Pole, Single Throw Switch
- Temperature Range: -40F – +150F
- Contact Position at Night is Normally Closed
- Power Consumption Below 1.5 Watts Average
- 3/4" Long 3/8" Threaded Nipple & Nut for 1/2" K.O.
- 6" Color Coded Leads with Wiring Diagram on Control

Cat No.	Voltage	Tungsten Rating	Ballast Rating	Master Box Qty	Each
39030	120	1000W	1000 (VA)	12	



FLUSH MOUNT WITH WALL PLATE

Does All Functions That Model #39030 Flush Mount Photocontrol Accomplishes. Typically mounts on a weatherproof box.

- Includes a Brushed Aluminum Wall Plate and Gasket for Installation in Standard Outlet boxes

Cat No.	Voltage	Tungsten Rating	Ballast Rating	Master Box Qty	Each
39040	120	1000W	1000 (VA)	12	



LOCKING TYPE

Locking-type photocontrol offers an economical and cost-effective means of controlling residential lighting systems from dusk to dawn. #39050 heavy-duty thermal bi-metal switch provides a 30-45 second time delay to eliminate unwanted lamp cycling that could be caused by lightning, car headlights, etc. Typically mounts in dusk to dawn fixtures.

- Polycarbonate Cover – High Temp Polyester Base
- Single Pole, Single Throw Switch
- Temperature Range: -40F – +150F
- Contact Position at Night is Normally Closed
- Power Consumption Below .9 Watts Average
- Three Pole Lock-Type Connector with Solid Brass Legs

Cat No.	Voltage	Tungsten Rating	Ballast Rating	Master Box Qty	Each
39050	120	1000W	1800 (VA)	12	
39052	105-305	1000W	1800 (VA)	12	
39056		Shorting Cap		12	



PENCIL TYPE SWIVEL MOUNT

Thin cylindrical shape fits neatly between twin floodlights or other tight applications. Field adjustable swivel base makes it easy to direct the photocell away from stray light. "O" ring sealed to prevent water from entering through the knuckle. Heavy-duty thermal bi-metal switch provides a 30-45 second time delay to eliminate unwanted lamp cycling that could be caused by lightning, car headlights, etc. Typically mounts on fixtures or boxes.

- Weatherproof Polycarbonate Housing
- Single Pole, Single Throw Switch
- Temperature Range: -40F – +150F
- Contact Position at Night is Normally Closed
- Power Consumption Below .9 Watts Average
- Standard 1/2" I.P.S. Pipe Thread Nipple
- 6" Color Coded Leads with Wiring Diagram on Control


Cat No.	Voltage	Tungsten Rating	Ballast Rating	Master Box Qty	Each
39060	120	1200W	1000 (VA)	12	

Compact Fluorescent Energy Saving Lamps (CFL's)

Energy Savings Comparisons	
Incandescent Bulb	Morris Spiral
75 W	15 W
100 W	20 W
125 W	25 W




- Replaces incandescent lamps by providing similar lumens but using less watts and therefore saving energy and reducing energy bills
- CFL lamps have an average 8X longer life than incandescent lamps
- 120-130 volt, E26 Medium base (except candle)
- 2700K warm white color temperature
- Packaged in individual color boxes




Spiral

Cat No.	Watts	Lumens	Diameter x Length	Case Qty	Each
79112	15	800	2.4" X 5.1"	40	
79115	20	1300	2.4" X 5.5"	40	
79118	25	1500	2.4" X 5.9"	40	




2U

Cat No.	Watts	Lumens	Diameter x Length	Case Qty	Each
79132	11	550	1.8" X 6.3"	40	
79134	15	800	1.8" X 7.2"	40	




Mini Spiral

Cat No.	Watts	Lumens	Diameter x Length	Case Qty	Each
79122	11	550	1.7" X 5.4"	40	
79124	15	800	1.7" X 5.4"	40	




3U

Cat No.	Watts	Lumens	Diameter x Length	Case Qty	Each
79142	15	800	2.4" X 6.1"	40	
79144	20	1050	2.4" X 6.5"	40	
79146	25	1325	2.4" X 7.0"	40	




Reflector

Cat No.	Watts	Type	Diameter x Length	Case Qty	Each
79162	9	R20	2.5" x 4.7"	40	
79164	13	R25	3.1" x 5.3"	40	
79166	15	R30	3.7" x 5.9"	40	
79168	20	R40	4.7" x 6.5"	20	




A23

Cat No.	Watts	Lumens	Diameter x Length	Case Qty	Each
79172	15	750	2.7" X 6.6"	40	
79174	20	1000	2.7" X 6.6"	40	



G30 Globe

Cat No.	Watts	Lumens	Diameter x Length	Case Qty	Each
79182	15	800	3.7" x 5.8"	40	
79184	20	1300	3.7" x 5.8"	40	



Candle

Candelabra E12 Base

Cat No.	Watts	Lumens	Diameter x Length	Case Qty	Each
79192	7	350	1.6" x 4.8"	40	