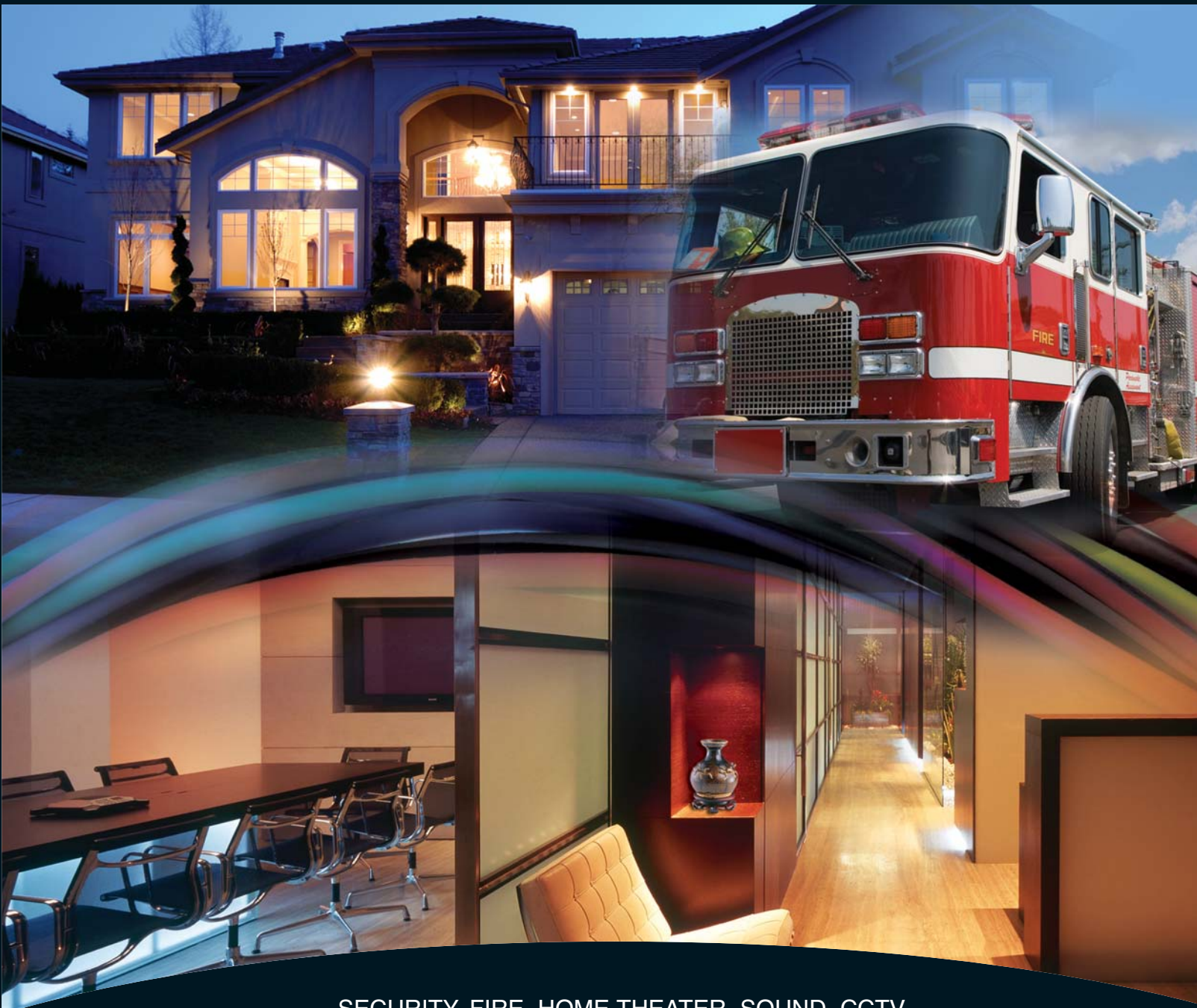


Honeywell Cable Catalog 2011-2012

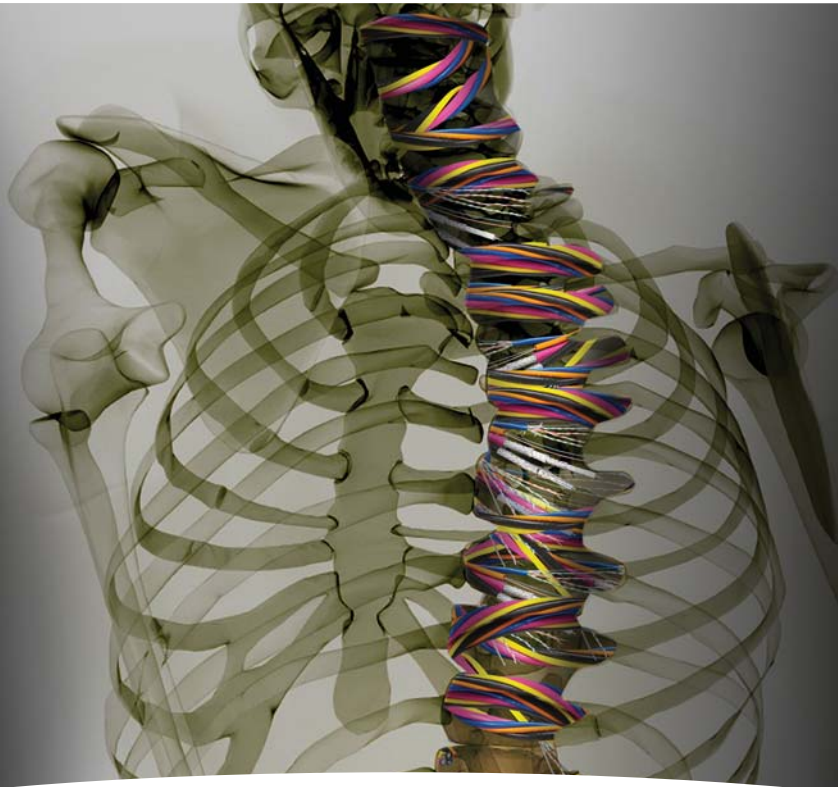


SECURITY, FIRE, HOME THEATER, SOUND, CCTV,
CATV, VOICE AND DATA AND THERMOSTAT WIRE

Genesis® Series Low Voltage Cable

Honeywell

backbone



Make no bones about it. Honeywell Genesis® Series Cable is the foundation for quality installations.

Although intelligent, self-healing networks and systems may compensate for EMI/RFI, bit-error rates and bandwidth limitations, it's often at the expense of overall performance.

At Honeywell, we know that failure isn't an option and see low-voltage cable for what it really is...the backbone of your reputation. That's why you need to choose the best cable for the job every time. Honeywell's Genesis Series low-voltage signal, control and data cables are engineered and manufactured with superior workmanship to meet your customer's demands for reliable, error-free signaling and data transfer. What's more, it's backed by the industry's only 3-for-1 guarantee.* When it comes to performance, reliability and service, we've got your back.

Insist on quality and reliability you can trust. Insist on Honeywell Genesis Series Cable.

Honeywell

*See website for details.

For more information please call **1-800-222-0060** or visit **www.honeywellcable.com**

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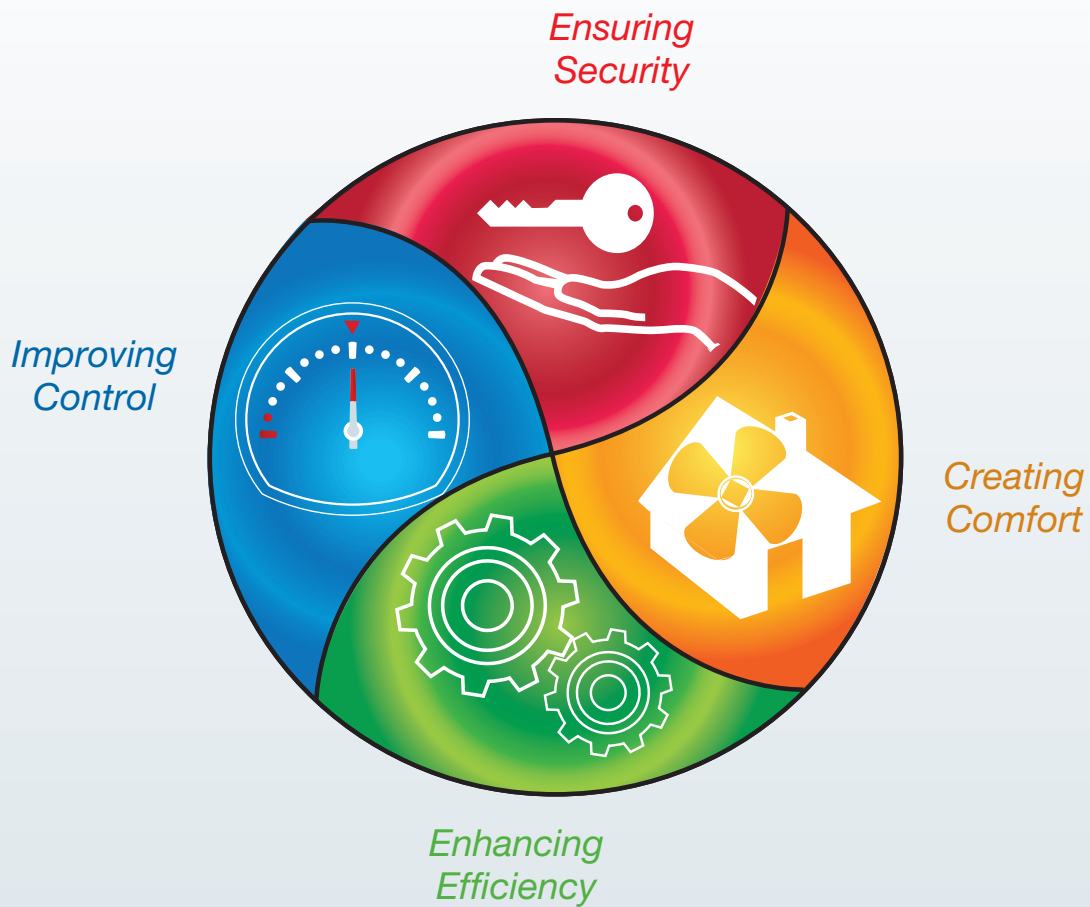
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Our Commitment to You

At Honeywell Cable and Custom Electronics, we strive to be the most trusted, go-to brand for low-voltage cable and custom electronics in the security, electrical and HVAC markets. It is our mission to provide quality wiring products and responsive, reliable service to enable your success every day. We make it easy through our world-class processes for you to receive exactly what you need, when you need it.



Honeywell Cable is the partner of choice in low-voltage cable. Here's why:

We provide customers all over North and South America with industry-leading, high quality cable, including security, fire, control, thermostat, home theater, multimedia, networking and coax cables and structured wiring for homes and small offices. Our trusted experience, combined with the quality and reliability of our products, allows your customers to meet their existing and emerging connectivity challenges. We offer cables that fit every budget for virtually any installation, including security, HVAC, home automation and control, networking, fire and video applications.

And, our pioneering product development only scratches the surface – we know that a trustworthy partnership is a prerequisite to a mutually profitable business relationship. With this in mind, Honeywell Cable and Custom Electronics stands on the partnership principles of:

Commitment

We're committed to you, our independent dealers, integrators and end-users.

Innovation

We deliver the newest innovations, technologies and products.

Support

We provide support and training to keep you ahead of the competition.

You are our business, and we are your partner of choice.

Support from Honeywell Cable

Honeywell Cable's outstanding sales/customer service and technical support is second to none in the low voltage cable industry. We are equipped with an extensive network of services that include: toll-free technical support and customer service, online technical documents and cross references, and a readily available dedicated sales team for onsite customer support.

Toll-free Support:

Through our toll-free support line, customers get immediate help with troubleshooting and solutions from Honeywell Cable's product experts. Each call is treated with the utmost importance. This ensures that each customer gets the immediate response they need, when they need it most.

Customer Service:

Honeywell Cable's customer service representatives and sales representatives stand ready to answer your questions. Customers can rest assured that our customer service department will support them through every stage of the process to ensure that they get the immediate and accurate response they need.

Sales Support:

To help customers optimize the many features of their cable and structured solutions, Honeywell Cable provides on-site training for customers.

Product Innovation

Structured Solutions

Honeywell's engineered structured wiring solutions provide a solid foundation for all the technology needed in today's home: integrated security, computer networking, telephone and cable and satellite TV. Our structured wiring panels and modules are easy to install, simple to use and integrate seamlessly with other Honeywell technologies such as security systems. The modular design provides a clean, custom, professional look and neatly manages cable and wire runs to make installs a snap.



We are continuously improving the products we provide to our customers. Exciting new updates to the line include:

Enclosures and Covers: Heavier gauge steel enclosures with less flex for easier installations. Extruded screw holes make attaching covers and doors easier; and a grounding lug has been added for convenience.

Telephone Modules: Telephone punch down blocks now provide more space for installers and better contact ensuring reliable, trouble-free terminations.

Video Splitters: Video splitters in both amplified and passive products have been enhanced and tuned to support the frequencies associated with forward and return path communications for cable and satellite providers—ensuring features like Video on Demand (VOD) work flawlessly. Bidirectional amplification on the amplified splitters increased from 16 dB to 20 dB—ensuring signals on multiple or long runs work without interruption.

More details on these products can be found on our website at www.honeywellcable.com

Cat 6 Splineless

We've expanded our Category 6 product line to provide even more future proofing options. In addition to our Catlink 6 Plus, we will now carry a version that is engineered without a center spline or separator. Continuing to exceed Category 6 specifications, this cable also has a smaller overall diameter permitting more cables per conduit. Whether you need a deluxe version or simply a cost-effective Cat 6, Honeywell Cable can provide many solutions to fit your needs.



WaveFLEX™ Flexible Jacketing Technology

Honeywell's patent-pending new WaveFLEX jacketing makes cable easier than ever to strip—improving performance while reducing the likelihood of kinks and tearing braids or shielding. Incredibly flexible, the ridged jacketing makes termination a snap and is engineered to withstand the rigors of the most challenging installations while maintaining full UL specifications. This will save you time and money, and enable you to move on to the next job more quickly.

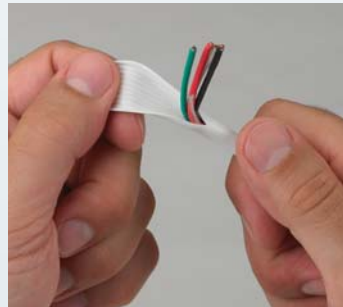
CCTV Coaxial Cable:

- Extra flexible WaveFLEX jacket for easier terminations
- Countdown footage markings
- Camera and zone markings
- RoHS compliant



Audacious™ Sound Cable:

- Extra flexible WaveFLEX jacket
- Easier to strip, making it less likely to nick conductors for optimal sound quality
- Oxygen free copper for pure transmission area
- High strand count for extra flexibility and more surface area
- Countdown footage markings
- Channel, room and zone markings to save installation time
- RoHS compliant



*Patent-pending

Customer Testimonials



“Honeywell Genesis has been great for our business as a wholesaler. The vast amount of products they sell has made it simple for us, kind of like a one stop shop for thermostat wire, plenum wire and communication cable. They keep us very competitive, the management team is very approachable and their customer service team is great. We are a family owned business and Honeywell Genesis feels like family. If you are not buying from them believe me you need to.”

– Don Chmura, Refrigeration and Electric Supply Co.

“Our Honeywell Cable Distributor stocks everything we need. The Genesis Series is good wire. It pulls easily, is fully marked and the (installers) really like it.”

– Kevin, Utah-Yamas Controls

“At AAMI we pride ourselves on offering the very best products and installation to our clients. The backbone of any quality installation is the wiring and patch cables that are installed. For that reason we choose to start all our installations with Genesis Wiring by Honeywell, a leader in the industry with the same quality and performance standards as AAMI. So when quality and performance counts you should choose the very best, Genesis.”

– John, Affordable Alarm & Monitoring Inc.

Honeywell Cable Website

In addition to our full line catalog and other literature, many useful tools can be found at our website www.honeywellcable.com. On the homepage, you will find links to informative videos, featured product information as well as company and industry news.

Other website offerings include:

- Product specs and literature including our full line catalog available for download in PDF format
- Training videos and Microsoft® PowerPoint presentations
- Competitor cross reference tables
- Detailed terms and conditions

Look to our website in the coming months for exciting new updates and changes.

In the future you will see new navigation and search functions, embedded links, updated and detailed cross reference tables, connector selector and cable selector guides, just to name a few items. We are very excited about these upcoming changes that will compliment our full line catalog and we are sure our customers will be too.

Inside Sales Support

Our professional Inside Sales and Customer Service team are here to help you with all your wire and cable questions and needs. A few of the support areas available include:

Cross references: crossing competitor parts

Stock inquiries: lead times, product availability

Product knowledge: technical data/information, applications for cables

Process special requests: minimums, color, details, labeling

Dealer, rep. and distributor information

Fill catalog and sample requests



Our representatives are available between 7:30 a.m. and 5:00 p.m. Central Standard Time. No matter what your question, we welcome the opportunity to speak with you. The nationwide toll free phone number is 800-222-0060.

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Cat 5e UTP + 16/2 power CL2P	5381	76
RG59/U 95% BC CCA Braid + 18/2 CL2	6508	75

Security & Control Cables



Our multi-conductor cables are manufactured in a wide variety of gauge sizes, shielding configurations and jacketing materials including plenum, riser and general purpose. Applications for these cables include control cables (Lutron® systems and Crestron® systems), alarms, intercoms, speakers and other low voltage circuits that are power limited.

Features:

- Countdown or sequential footage markings
- New labeling system on boxes
- Color coded boxes
- Zone and room markings

Article 725/800*:

Class 1, Class 2 and Class 3 remote-control, signaling and power limited circuits that are not an integral part of a device or appliance.

The scope of this article may include systems such as burglar alarm, access control, sound, nurse call, intercom circuits, some computer network systems, some control circuits for lighting dimmer systems, and some low voltage control circuits that originate from listed computer equipment.

General Purpose Cable:

Type CM, CL2, CMR, CL2R, CMP, CL2P.

Cables may be dual rated CM/CL2, CMR/CL2R, CMP/CL2P.

**See Article 800 for more information.*

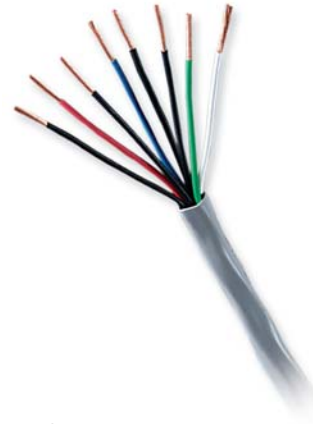
*Lutron is a registered trademark of Lutron Electronics Co., Inc.
Crestron is a registered trademark of Crestron Electronics, Inc.*



Multi-Conductor Cable – Unshielded

Construction:

	Non-Plenum	Plenum
Conductors	Bare Copper	
Insulation	PP Conductor Color Code Chart 1 (≤12 Conductors) Conductor Color Code Chart 2 (>12 Conductors)	Low-Smoke PVC
Jacket	PVC	Low-Smoke PVC
Colors	Gray	Natural



Features:

– Sunlight Resistant (Except Plenum)

Popular Packaging:

- Pull Box 1000'
- Reel 1000'
- Consult factory for other packaging options

24 AWG – UNSHIELDED

# COND	STR/SOL	DC RESISTANCE (OHMS)	NOM. CAP. (PF/FT)	NOM. O.D. (IN)	AVG. WT. PER MFT (LBS)	PART #
GENERAL PURPOSE – CM, CL2 LISTED						
4	SOL	24	14	0.105	10	1140

22 AWG – UNSHIELDED

# COND	STR/SOL	DC RESISTANCE (OHMS)	NOM. CAP. (PF/FT)	NOM. O.D. (IN)	AVG. WT. PER MFT (LBS)	PART #
GENERAL PURPOSE – CM, CL2 LISTED						
2	SOL	17.3	16	0.104	8	1101 A
2	STR	16.5	16	0.114	9	1102 A
4	SOL	17.3	16	0.116	14	1103 AB
4	STR	16.5	16	0.133	15	1104 A
5	STR	16.5	16	0.145	19	1105 A
6	SOL	17.5	16	0.140	19	1106 A
6	STR	16.5	16	0.158	21	1107 A
8	SOL	17.5	16	0.152	25	1108
8	STR	16.5	16	0.172	28	1109
10	SOL	17.5	16	0.174	29	1110
10	STR	16.5	16	0.200	33	1111
12	SOL	17.3	16	0.182	35	1112
12	STR	16.5	16	0.204	40	1113

A Not twisted
B Color code: Black, Red, Green, Yellow

Multi-Conductor Cable – Unshielded (continued)

22 AWG – UNSHIELDED (continued)

# COND	STR/SOL	DC RESISTANCE (OHMS)	NOM. CAP. (PF/FT)	NOM. O.D. (IN)	AVG. WT. PER MFT (LBS)	PART #
RISER RATED – CMR, CL2R, C(UL), FT4 LISTED						
2	SOL	17.0	16	0.106	9	2101 A
2	STR	16.5	16	0.116	11	2102 A
4	SOL	17.3	16	0.120	14	2103 AB
4	STR	16.6	16	0.135	16	2104 A
5	STR	16.6	16	0.145	18	2105 A
6	STR	16.5	16	0.158	21	2106 A
8	STR	16.5	16	0.174	28	2107
10	STR	16.5	16	0.202	35	2108
12	STR	16.5	16	0.208	37	2109 C
15	STR	16.6	16	0.232	44	2110 CF

PLENUM RATED – CMP, CL2P, C(UL), FT6 LISTED

2	SOL	17.0	24	0.104	10	3101 A
2	STR	16.5	24	0.114	11	3102 A
3	STR	16.5	25	0.120	15	3127
4	SOL	17.5	24	0.116	15	3103 A
4	STR	16.5	24	0.133	17	3104 A
5	STR	16.5	24	0.145	20	3105 AF
6	STR	16.5	24	0.158	24	3106 A
8	STR	16.5	24	0.172	30	3107
10	STR	16.5	24	0.200	37	3108 C
12	STR	16.5	24	0.204	43	3109 C
15	STR	16.5	24	0.232	53	3110 C

20 AWG – UNSHIELDED

# COND	STR/SOL	DC RESISTANCE (OHMS)	NOM. CAP. (PF/FT)	NOM. O.D. (IN)	AVG. WT. PER MFT (LBS)	PART #
GENERAL PURPOSE – CM, CL2 LISTED						
4	STR	10.5	17	0.155	22	1117
RISER RATED – CMR, CL2R, C(UL), FT4 LISTED						
2	STR	10.3	16	0.136	14	2112
4	STR	10.3	16	0.157	22	2113
PLENUM RATED – CMP, CL2P, C(UL), FT6 LISTED						
2	STR	10.3	27	0.132	15	3112
3	STR	10.3	28	0.140	20	3128
4	STR	10.3	27	0.155	25	3113

A Not twisted

B Color code: Black, Red, Green, Yellow

C Reels only

F Consult factory for availability

Multi-Conductor Cable – Unshielded (continued)

Construction:

	Non-Plenum	Plenum
Conductors	Bare Copper	
Insulation	PP Conductor Color Code Chart 1 (≤12 Conductors) Conductor Color Code Chart 2 (>12 Conductors)	Low-Smoke PVC
Jacket	PVC	Low-Smoke PVC
Colors	Gray	Natural

Features:

- Sunlight Resistant (Except Plenum)

Popular Packaging:

- Pull Box 1000'
- Reel 1000'
- Consult factory for other packaging options

18 AWG – UNSHIELDED

# COND	STR/SOL	DC RESISTANCE (OHMS)	NOM. CAP. (PF/FT)	NOM. O.D. (IN)	AVG. WT. PER MFT (LBS)	PART #
GENERAL PURPOSE – CM, CL2 LISTED						
2	STR	6.5	18	0.148	18	1118
2	SOL	6.5	18	0.136	16	1138
3	STR	6.5	18	0.159	24	1130
4	STR	6.5	18	0.172	30	1119
6	STR	6.5	18	0.206	44	1120 c
8	STR	6.5	18	0.225	55	1121 c
10	STR	6.5	18	0.270	70	1122 c
12	STR	6.5	18	0.277	80	1123 c
RISER RATED – CMR, CL2R, C(UL), FT4 LISTED						
2	STR	6.5	18	0.150	18	2114
4	STR	6.5	18	0.174	30	2115
6	STR	6.5	18	0.208	42	2116
8	STR	6.5	18	0.228	58	2117 CF
10	STR	6.5	18	0.268	71	2118 CF
12	STR	6.5	18	0.276	84	2119 CF
15	STR	6.5	18	0.305	108	2120 CF
PLENUM RATED – CMP, CL2P, C(UL), FT6 LISTED						
2	STR	6.5	30	0.148	19	3114
2	SOL	6.5	30	0.136	18	3134
3	STR	6.5	29	0.159	26	3126
4	STR	6.5	30	0.172	33	3115
6	STR	6.5	30	0.212	47	3116 c
8	STR	6.5	30	0.232	61	3117 c
10	STR	6.5	30	0.270	75	3118 c
12	STR	6.5	30	0.277	88	3119 c
15	STR	6.5	30	0.316	109	3120 CF

C Reels only
F Consult factory for availability

Multi-Conductor Cable – Unshielded (continued)

16 AWG – UNSHIELDED

# COND	STR/SOL	DC RESISTANCE (OHMS)	NOM. CAP. (PF/FT)	NOM. O.D. (IN)	AVG. WT. PER MFT (LBS)	PART #
GENERAL PURPOSE – CM, CL2 LISTED						
2	STR	4.10	19	0.172	24	1125
4	STR	4.10	19	0.202	44	1126 c
RISER RATED – CMR, CL2R, C(UL), FT4 LISTED						
2	STR	4.15	19	0.176	27	2121
4	STR	4.15	19	0.205	46	2122 c
PLENUM RATED – CMP, CL2P, C(UL), FT6 LISTED						
2	STR	4.07	32	0.172	28	3121
3	STR	4.17	31	0.186	38	3129 c
4	STR	4.07	32	0.202	50	3122 c

14 AWG – UNSHIELDED

# COND	STR/SOL	DC RESISTANCE (OHMS)	NOM. CAP. (PF/FT)	NOM. O.D. (IN)	AVG. WT. PER MFT (LBS)	PART #
GENERAL PURPOSE – CM, CL2 LISTED						
1	SOLID INSULATED GROUND WIRE				18	1131 c
2	STR	2.62	21	0.208	37	1127 c
RISER RATED – CMR, CL2R, C(UL), FT4 LISTED						
2	STR	2.58	21	0.212	38	2123 c
4	STR	2.58	21	0.248	70	2124 c
PLENUM RATED – CMP, CL2P, C(UL), FT6 LISTED						
2	STR	2.60	34	0.208	39	3123 c
3	STR	2.60	33	0.220	53	3130 c
4	STR	2.60	34	0.244	70	3124 c

12 AWG – UNSHIELDED

# COND	STR/SOL	DC RESISTANCE (OHMS)	NOM. CAP. (PF/FT)	NOM. O.D. (IN)	AVG. WT. PER MFT (LBS)	PART #
GENERAL PURPOSE – CM, CL2 LISTED						
2	STR	1.62	21	0.264	55	1129 c
RISER RATED – CMR, CL2R, C(UL), FT4 LISTED						
2	STR	1.62	21	0.256	58	2125 c
PLENUM RATED – CMP, CL2P, C(UL), FT6 LISTED						
2	STR	1.63	35	0.265	61	3125 c

C Reels only

Multi-Conductor Cable – Overall Shielded

Construction:

	Non-Plenum	Plenum
Conductors	Bare Copper	
Shield	Al/Mylar with Drain Wire	
Insulation	PP	Low-Smoke PVC
	Conductor Color Code Chart 1 (≤12 Conductors) Conductor Color Code Chart 2 (>12 Conductors)	
Jacket	PVC	Low-Smoke PVC
Colors	Gray	Natural



Features:

– Sunlight Resistant (Except Plenum)

Popular Packaging:

– Pull Box 1000'

– Reel 1000'

– Consult factory for other packaging options

22 AWG – SHIELDED

# COND	STR/SOL	DC RESISTANCE (OHMS)	NOM. CAP. (PF/FT)	NOM. O.D. (IN)	AVG. WT. PER MFT (LBS)	PART #
GENERAL PURPOSE – CM, CL2 LISTED						
2	STR	16.5	33	0.120	13	1202
4	STR	16.5	33	0.139	18	1204
6	STR	16.5	33	0.166	25	1206
8	STR	16.5	33	0.174	30	1207
10	STR	16.5	33	0.210	36	1208
12	STR	16.5	33	0.210	42	1209
RISER RATED – CMR, CL2R, C(UL), FT4 LISTED						
2	SOL	17.5	11	0.112	11	2201
2	STR	16.5	12	0.120	12	2202
4	SOL	17.5	15	0.127	15	2203
4	STR	16.7	19	0.141	19	2204
6	STR	16.5	25	0.162	25	2206
8	STR	16.7	31	0.175	31	2207
10	STR	16.7	37	0.204	37	2208
12	STR	16.7	41	0.210	41	2209
15	STR	16.5	106	0.234	106	2210 CF
PLENUM RATED – CMP, CL2P, C(UL), FT6 LISTED						
2	SOL	17.0	45	0.108	13	3201
2	STR	16.5	45	0.120	14	3202
3	STR	16.6	45	0.130	17	3227
4	SOL	17.0	45	0.125	19	3203
4	STR	16.5	45	0.139	20	3204
6	STR	16.6	45	0.166	27	3206
8	STR	16.5	45	0.174	33	3207
10	STR	16.5	45	0.210	42	3208
12	STR	16.5	45	0.216	51	3209
15	STR	16.6	45	0.234	63	3210 c

C Reels only

F Consult factory for availability

Overall Shielded (OAS)

Unpaired Conductors

Security & Control

Multi-Conductor Cable – Overall Shielded (continued)

20 AWG – SHIELDED

# COND	STR/SOL	DC RESISTANCE (OHMS)	NOM. CAP. (PF/FT)	NOM. O.D. (IN)	AVG. WT. PER MFT (LBS)	PART #
GENERAL PURPOSE – CM, CL2 LISTED						
2	STR	10.5	37	0.138	16	1212
3	STR	10.5	37	0.144	21	1227
4	STR	10.5	37	0.159	24	1213
RISER RATED – CMR, CL2R, C(UL), FT4 LISTED						
2	STR	10.5	17	0.142	17	2212
4	STR	10.5	26	0.163	26	2213
PLENUM RATED – CMP, CL2P, C(UL), FT6 LISTED						
2	STR	10.3	48	0.138	19	3212
3	STR	10.3	54	0.138	22	3228
4	STR	10.3	48	0.159	27	3213

18 AWG – SHIELDED

# COND	STR/SOL	DC RESISTANCE (OHMS)	NOM. CAP. (PF/FT)	NOM. O.D. (IN)	AVG. WT. PER MFT (LBS)	PART #
GENERAL PURPOSE – CM, CL2 LISTED						
2	STR	6.5	43	0.154	20	1214
3	STR	6.5	41	0.161	27	1228
4	STR	6.5	43	0.178	32	1215
6	STR	6.5	43	0.210	45	1216
8	STR	6.5	43	0.230	59	1217 c
10	STR	6.5	43	0.270	63	1218 c
12	STR	6.5	43	0.283	86	1219 c
15	STR	6.5	43	0.307	104	1220 c
RISER RATED – CMR, CL2R, C(UL), FT4 LISTED						
2	STR	6.5	21	0.154	21	2214
4	STR	6.5	34	0.180	34	2215
6	STR	6.5	46	0.214	46	2216
8	STR	6.5	59	0.232	59	2217 c
10	STR	6.5	72	0.268	72	2218 c
12	STR	6.5	85	0.281	85	2219 c
15	STR	6.5	103	0.312	103	2220 cF

C Reels only
F Consult factory for availability

Multi-Conductor Cable – Overall Shielded (continued)

Construction:

	Non-Plenum	Plenum
Conductors	Bare Copper	
Shield	Al/Mylar with Drain Wire	
Insulation	PP	Low-Smoke PVC
	Conductor Color Code Chart 1 (≤12 Conductors) Conductor Color Code Chart 2 (>12 Conductors)	
Jacket	PVC	Low-Smoke PVC
Colors	Gray	Natural

Features:

- Sunlight Resistant (Except Plenum)

Popular Packaging:

- Pull Box 1000'
- Reel 1000'
- Consult factory for other packaging options

18 AWG – SHIELDED (continued)

# COND	STR/SOL	DC RESISTANCE (OHMS)	NOM. CAP. (PF/FT)	NOM. O.D. (IN)	AVG. WT. PER MFT (LBS)	PART #
PLENUM RATED – CMP, CL2P, C(UL), FT6 LISTED						
2	STR	6.5	62	0.154	23	3214
3	STR	6.5	58	0.161	29	3226
4	STR	6.5	62	0.178	33	3215
5	STR	6.5	60	0.197	39	3276
6	STR	6.5	62	0.216	50	3216 c
8	STR	6.5	62	0.230	61	3217 c
10	STR	6.5	62	0.270	79	3218 CF
12	STR	6.5	62	0.283	90	3219 c
15	STR	6.5	62	0.320	114	3220 CF

16 AWG – SHIELDED

# COND	STR/SOL	DC RESISTANCE (OHMS)	NOM. CAP. (PF/FT)	NOM. O.D. (IN)	AVG. WT. PER MFT (LBS)	PART #
GENERAL PURPOSE – CM, CL2 LISTED						
2	STR	4.10	43	0.178	32	1221 c
3	STR	4.10	43	0.184	41	1229
4	STR	4.10	46	0.202	44	1222 c
RISER RATED – CMR, CL2R, C(UL), FT4 LISTED						
2	STR	4.15	32	0.180	32	2221
4	STR	4.15	51	0.209	51	2222 c
PLENUM RATED – CMP, CL2P, C(UL), FT6 LISTED						
2	STR	4.17	71	0.178	34	3221 c
3	STR	4.17	63	0.184	45	3229
4	STR	4.17	71	0.202	57	3222 c

C Reels only
F Consult factory for availability

Multi-Conductor Cable – Overall Shielded (continued)

14 AWG – SHIELDED

# COND	STR/SOL	DC RESISTANCE (OHMS)	NOM. CAP. (PF/FT)	NOM. O.D. (IN)	AVG. WT. PER MFT (LBS)	PART #
GENERAL PURPOSE – CM, CL2 LISTED						
2	STR	2.53	46	0.214	45	1223 c
3	STR	2.53	46	0.222	60	1230
RISER RATED – CMR, CL2R, C(UL), FT4 LISTED						
2	STR	2.60	46	0.216	46	2223 c
4	STR	2.60	76	0.252	76	2224 c
PLENUM RATED – CMP, CL2P, C(UL), FT6 LISTED						
2	STR	2.60	75	0.214	45	3223 c
3	STR	2.60	63	0.222	60	3230 c
4	STR	2.60	75	0.248	76	3224 c

12 AWG – SHIELDED

# COND	STR/SOL	DC RESISTANCE (OHMS)	NOM. CAP. (PF/FT)	NOM. O.D. (IN)	AVG. WT. PER MFT (LBS)	PART #
RISER RATED – CMR, CL2R, C(UL), FT4 LISTED						
2	STR	1.60	64	0.262	64	2225 c
PLENUM RATED – CMP, CL2P, C(UL), FT6 LISTED						
2	STR	1.60	85	0.270	66	3225 c

C Reels only

Zipcord

Construction:

- Bare Copper Conductor
- Flexible PVC Jacket
- Jacket Colors: White, Brown, Clear

Features:

- Sunlight Resistant
- One Conductor Ribbed for Polarity

Popular Packaging:

- Pull Box 1000'
- Reel 1000'
- Consult factory for other packaging options



AWG	# COND	STR/SOL	DC RESISTANCE (OHMS)	NOM. CAP. (PF/FT)	NOM. O.D. (IN)	AVG. WT. PER MFT (LBS)	PART #
GENERAL PURPOSE - CMG, CL2, C(UL), FT4 LISTED							
24	2	STR	26.5	12	0.068 x 0.145	9	1001 F
22	2	STR	17.0	15	0.074 x 0.164	9	1002
20	2	STR	10.2	18	0.083 x 0.180	17	1003 F
18	2	STR	6.5	20	0.090 x 0.190	18	1004
16	2	STR	4.15	22	0.100 x 0.200	24	1005

Unjacketed Cables

Construction:

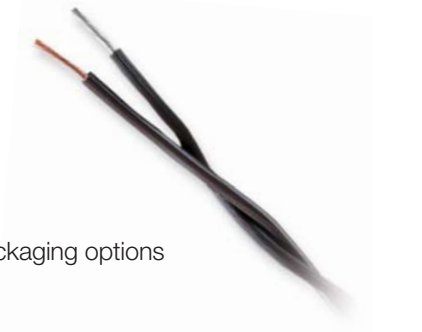
- One Bare Copper and One Tinned Copper Conductor
- PVC Insulation

Features:

- One Conductor Ribbed for Polarity

Popular Packaging:

- Reel 1000'
- Reel-in-a-Box 1000'
- Consult factory for other packaging options



AWG	# COND	STR/SOL	DC RESISTANCE (OHMS)	NOM. CAP. (PF/FT)	NOM. O.D. (IN)	AVG. WT. PER MFT (LBS)	PART #
GENERAL PURPOSE - CM, CL2 LISTED							
22	2	STR	16.5	14	0.147	10	1051 c
20	2	STR	10.5	16	0.165	15	1052 c
18	2	STR	6.05	17	0.183	20	1053 c

C Reels only
F Consult factory for availability

Multi-Pair Cables – Unshielded

Construction:

	Non-Plenum	Plenum
Conductors	Twisted Bare Copper Pairs	
Insulation	PP Conductor Color Code Chart 3	Low-Smoke PVC
Jacket	PVC	Low-Smoke PVC
Colors	Gray	Natural



Features:

- Sunlight Resistant (Except Plenum)

Popular Packaging:

- Pull Box 1000'
- Reel 1000'
- Consult factory for other packaging options

22 AWG – UNSHIELDED

# PAIRS	STR/SOL	DC RESISTANCE (OHMS)	NOM. CAP. (PF/FT)	NOM. O.D. (IN)	AVG. WT. PER MFT (LBS)	PART #
GENERAL PURPOSE – CM, CL2 LISTED						
2	SOL	17.5	16	0.160	15	1248 D
2	STR	16.5	16	0.178	18	1234
3	SOL	17.0	16	0.172	19	1235
6	SOL	17.0	16	0.226	36	1238
RISER RATED – CMR, CL2R, C(UL), FT4 LISTED						
1	STR	16.5	16	0.114	10	2232
2	SOL	17.5	16	0.150	20	2233
2	STR	16.5	16	0.140	21	2234 E
3	STR	17.0	16	0.199	23	2236
4	SOL	17.5	16	0.186	26	2237
6	STR	16.5	16	0.255	40	2239
PLENUM RATED – CMP, CL2P, C(UL), FT6 LISTED						
1	SOL	17.0	24	0.110	10	3231 F

18 AWG – UNSHIELDED

# PAIRS	STR/SOL	DC RESISTANCE (OHMS)	NOM. CAP. (PF/FT)	NOM. O.D. (IN)	AVG. WT. PER MFT (LBS)	PART #
GENERAL PURPOSE – CM, CL2 LISTED						
2	STR	6.5	17	0.240	40	1245
3	STR	6.5	17	0.260	47	1246
4	STR	6.5	17	0.290	59	1247 c

C Reels only
 D Color code: Red/Green, Black/Yellow
 E 1 Pair Shielded, 1 Pair Unshielded
 F Consult factory for availability

Multi-Pair Cables – Overall Shielded

Construction:

	Non-Plenum	Plenum
Conductors	Twisted Bare Copper Pairs	
Shield	Al/Mylar with Drain Wire	
Insulation	PP Conductor Color Code Chart 3	Low-Smoke PVC
Jacket	PVC	Low-Smoke PVC
Colors	Gray	Natural



Features:

– Sunlight Resistant (Except Plenum)

Popular Packaging:

- Pull Box 1000'
- Reel 1000'
- Consult factory for other packaging options

22 AWG – OVERALL SHIELDED (OAS)

# PAIRS	STR/SOL	DC RESISTANCE (OHMS)	NOM. CAP. (PF/FT)	NOM. O.D. (IN)	AVG. WT. PER MFT (LBS)	PART #
GENERAL PURPOSE – CM, CL2 LISTED						
2	SOL	17.0	33	0.165	19	1280
3	SOL	17.0	33	0.178	26	1282
RISER RATED – CMR, CL2R, C(UL), FT4 LISTED						
2	SOL	17.0	33	0.156	17	2280
2	STR	16.5	33	0.176	19	2281
3	SOL	17.0	33	0.180	23	2282
3	STR	16.5	33	0.202	24	2283
6	SOL	17.0	33	0.230	43	2284
6	STR	16.5	33	0.260	45	2285
PLENUM RATED – CMP, CL2P, C(UL), FT6 LISTED						
2	SOL	17.0	45	0.156	20	3280 F
2	STR	16.5	45	0.176	22	3281
3	SOL	17.0	45	0.180	24	3282 F
3	STR	16.5	45	0.202	26	3283
6	SOL	17.0	45	0.240	49	3284 F
6	STR	16.5	45	0.272	53	3285

18 AWG – OVERALL SHIELDED (OAS)

# PAIRS	STR/SOL	DC RESISTANCE (OHMS)	NOM. CAP. (PF/FT)	NOM. O.D. (IN)	AVG. WT. PER MFT (LBS)	PART #
GENERAL PURPOSE – CM, CL2 LISTED						
2	STR	6.5	40	0.248	36	1289
3	STR	6.5	40	0.265	51	1290 c
4	STR	6.5	40	0.295	64	1291 c

C Reels only
F Consult factory for availability

Multi-Pair Cables – Each Pair Shielded

Construction:

	Non-Plenum	Plenum
Conductors	Twisted Bare Copper Pairs	
Shield	Each Pair Al/Mylar with Drain Wire	
Insulation	PP	Low-Smoke PVC
	Conductor Color Code Chart 3	
Jacket	PVC	Low-Smoke PVC
Colors	Gray	Natural



Features:

– Sunlight Resistant (Except Plenum)

Popular Packaging:

- Pull Box 1000'
- Reel 1000'
- Consult factory for other packaging options

22 AWG – EACH PAIR SHIELDED (EPS)

# PAIRS	STR/SOL	DC RESISTANCE (OHMS)	NOM. CAP. (PF/FT)	NOM. O.D. (IN)	AVG. WT. PER MFT (LBS)	PART #
GENERAL PURPOSE – CM, CL2 LISTED						
2	SOL	17.0	33	0.170	22	1263
2	STR	16.5	33	0.192	23	1264
3	STR	16.0	33	0.197	31	1266

RISER RATED – CMR, CL2R, C(UL), FT4 LISTED

2	SOL	17.0	33	0.172	22	2263
2	STR	16.5	33	0.194	23	2264
3	STR	16.0	33	0.200	36	2266

PLENUM RATED – CMP, CL2P, C(UL), FT6 LISTED

1	STR	16.5	45	0.120	14	3262
2	SOL	17.0	45	0.172	24	3263
2	STR	16.5	45	0.194	24	3264
3	SOL	16.5	45	0.183	33	3265
3	STR	16.5	45	0.200	35	3266
4	SOL	17.0	45	0.201	39	3267
6	SOL	17.0	45	0.244	57	3268

18 AWG – EACH PAIR SHIELDED (EPS)

# PAIRS	STR/SOL	DC RESISTANCE (OHMS)	NOM. CAP. (PF/FT)	NOM. O.D. (IN)	AVG. WT. PER MFT (LBS)	PART #
GENERAL PURPOSE – CM, CL2 LISTED						
2	STR	6.4	45	0.252	41	1273
3	STR	6.5	45	0.268	56	1274
4	STR	6.5	45	0.300	72	1275 c

C Reels only

Crestron® Control Cables

Honeywell Genesis Series Cable offers specialized control cables for Crestron Systems. These bundled cables facilitate fast and easy wiring for Crestron AV distribution switches, room solution boxes, intercoms and touch panels. The constructions with RGB cable allow for distribution of CATV, satellite, broadband, or modulated video.



Consult factory for packaging options.

CONTROL CABLES FOR CRESTRON SYSTEMS

COMPARABLE TO	DESCRIPTION	JACKET COLOR	NOM. O.D. (IN)	AVG. WT. PER MFT (LBS)	PART #
CRESCAT-NP					
Control Cable	22/1pr Low Cap + 18/2	Teal/Red Stripe	0.485	78	1270
Data Cable	Cat 5e 350 MHz				
CRESCAT-D-NP					
Control Cable	22/1pr Low Cap + 18/2	Teal/Black Stripe	0.530	105	1278
Data Cable	2 x Cat 5e 350 MHz				
CRESCAT-Q-NP					
Control Cable	22/1pr Low Cap + 18/2	Teal/White Stripe	0.680	145	1279
Data Cable	4 x Cat 5e 350 MHz				
CRESCAT-DC-NP					
Control Cable	22/1pr Low Cap + 18/2	Teal/Orange Stripe	0.800	194	1272
Data Cable	2 x Cat 5e 350 MHz				
Coax Cable	2 x RG6				

DESIGNED FOR USE WITH CRESTRON TOUCH PANELS, KEYPADS, EXPANSION MODULES, TUNERS AND MORE

CRESNET-NP					
Control Cable	22/1pr Low Cap + 18/2 Power	Blue/Yellow Stripe	0.280	33	1244

DESIGNED TO PROVIDE A SIGNAL-CABLE SOLUTIONS FOR WIRING OF MEDIA SYSTEMS

CRESCAT-IM-P					
Control Cable	24/4pr Cat 5e 100 MHz CMP	Blue	0.200	27	5088

DIMMER CONTROL CABLE

Control Cable	22/1pr	Gray	0.120	13	1202
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Lutron® Control Cables

Honeywell Genesis Series Cable offers specialized lighting control cables for Lutron Systems. These cables are specifically designed to meet the Lutron cable standards.

Consult factory for packaging options.



STYLE	CONSTRUCTION	SHIELD	JACKET COLOR	PART #
GENERAL PURPOSE – CM LISTED				
HomeWorks Dimmer & Switch	18/2 STR 16/30 BC	Al/Mylar TC Drain	Gray	1214
HomeWorks Dimmer & Switch	18/4 STR 16/30 BC	Al/Mylar TC Drain	Gray	1215
Vareo Dimmer & Switch	22/2 STR 7/30 BC	Al/Mylar TC Drain	Gray	1202
Keypad Data/Grafik Eye 3000	22/1pr Low Cap Data 18/2 Power	Al/Mylar TC Drain	Blue/Yellow Stripe	1244
Grafik Eye 4000/6000	22/1pr Low Cap Data 12/2 Power 18/1 Ground	Al/Mylar TC Drain	Blue	1260
Sovoia Shades	18/4 BC 16/2 BC 18/1 BC	Al/Mylar TC Drain None None	Blue/Red Stripe	1287
PLENUM RATED – CMP LISTED				
HomeWorks Dimmer & Switch	18/2 STR 16/30 BC	Al/Mylar TC Drain	White	3214
HomeWorks Dimmer & Switch	18/4 STR 16/30 BC	Al/Mylar TC Drain	White	3215
Vareo Dimmer & Switch	22/2 STR 7/30 BC	Al/Mylar TC Drain	White	3202

Echelon® LONWORKS® Control Cables

Echelon® Corporation supplies infrastructure hardware and software to the rapidly growing networking market. Echelon LONWORKS systems are installed in buildings, factories, utilities and houses allowing users to remotely connect, monitor and diagnose intelligent devices. Echelon LONWORKS solutions enable multiple key building systems used for security, lighting, elevator and HVAC to be integrated into a single smart building.



Construction:

- Stranded Bare Copper Conductor Pairs
- Unshielded or Al/Mylar Overall Shielded
- Standard Jacket Color: Gray (Non-Plenum); Consult factory for Plenum Colors

Popular Packaging:

- Box 1000'
- Consult factory for other packaging options

AWG	# PAIRS	SHIELD	PART #
GENERAL PURPOSE – CM, CL2 LISTED			
22	1	Unshielded	1061
22	2	Unshielded	1062
22	1	OAS	1063
22	2	OAS	1064
PLENUM RATED – CMP, CL2P LISTED			
22	1	Unshielded	3252
22	2	Unshielded	3253
22	1	OAS	3254
22	2	OAS	3255

Echelon and LONWORKS are trademarks of Echelon Corporation registered in the United States and other countries.

Home Automation Cables

Construction:

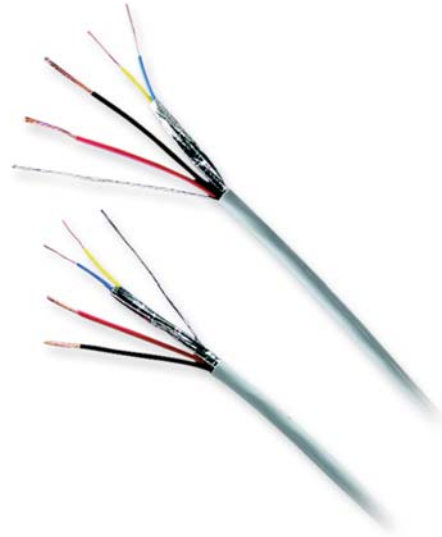
- Stranded Bare Copper Conductors
- Unshielded Pair for Power
- Shielded Pair for Data
- Polypropylene Insulation
- PVC Jacket
- Jacket Colors: Green

Features:

- Sunlight Resistant

Popular Packaging:

- Reel 500', 1000'
- Consult factory for other packaging options



POWER	DATA	JACKET COLOR	AVG. WT. PER MFT (LBS)	PART #
GENERAL PURPOSE – CM, CL2 LISTED				
18 AWG/ 1PR BC Unshielded	22 AWG/ 1PR BC Shielded	Green	30	1243

Access Control Cables

Construction:

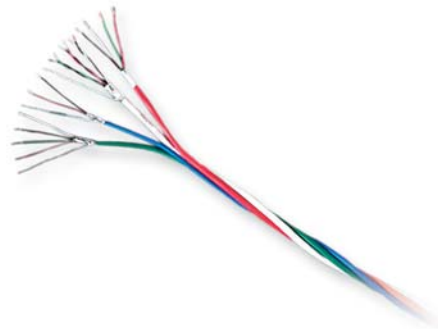
- Profusion Unjacketed Composite Construction
- Reduces Cold Weather Cracking and Cable Separation
- Dramatically Reduces Installation Time

LEG	CONDUCTOR	CONSTRUCTION	INSULATION COLORS	LAY LENGTH NOM. (IN)	SHIELD	JACKET COLOR
Door Strike	18 AWG BC 16/30 STR	4/C OAS	Black, Red, White, Green	3.0	Al/Mylar	Orange
Card Reader	22 AWG BC 7/30 STR	3/PR OAS	Black/Red, Green/White, Orange/Blue	Pair: 2.0 Cable: 4.5	Al/Mylar	White
Door Contact	22 AWG BC 7/30 STR	2/C OAS	Black, Red	1.75	Al/Mylar	Blue
Request For Exit	22 AWG BC 7/30 STR	4/C OAS	Black, Red, White, Green	2.0	Al/Mylar	Green

Popular Packaging:

- Reel 500', 1000'
- Consult factory for other packaging options

DESCRIPTION	PART #
GENERAL PURPOSE – CM LISTED	
4 Leg Access Control Cable	1298
PLENUM RATED – CMP LISTED	
4 Leg Access Control Cable	3295



BACnet® Cables



Construction:

- Stranded Bare Copper or Tinned Copper Conductor Pairs
- FEP Insulation
- Aluminum/Mylar Shield with Drain Wire
- Low-Smoke Plenum PVC Jacket
- Consult factory for available colors

Popular Packaging:

- Reel 1000'
- Consult factory for other packaging options



AWG	# PAIRS	CONDUCTOR MATERIAL	IMPEDANCE	DC RESISTANCE (OHMS/M')	NOM. CAP. (PF/FT)	NOM. O.D. (IN)	AVG. WT. PER MFT (LBS)	PART #
PLENUM RATED – CMP, CL2P, C(UL), FT6 LISTED								
22	1	TC	100	16.5	14.5	0.185	20	3251
22	2	BC	100	16.5	14.5	0.265	21	3255
18	1	BC	100	6.5	15.0	0.254	31	3322

BACnet® is a registered trademark of ASHRAE.

Irrigation, Tracer & Lighting Cables

Single Conductor Sprinkler and Tracer Wire:

(UL Listed Sprinkler and Tracer Wire 600V)

These cables are designed for underground applications where harsh conditions may be encountered. One of the common uses is for tracer wire. Typically, yellow tracer wire is used to mark gas pipes, blue to mark water pipes, orange to mark fiber optic cables and green for sewage lines. Another use is for connecting the remote control valves to an irrigation controller in a golf course sprinkler system.

Multi Conductor Sprinkler Cable:

(UL Listed Direct Burial Solid Bare Copper 30V)

These underground multi conductor cables are used to control the valves in residential and commercial irrigation systems.

Landscape Lighting Cable:

(UL Listed Underground Low Energy Circuit Cable 150V)

These cables are used for low-voltage direct burial lighting applications.

Irrigation & Tracer Cables

Construction:

- Bare Copper Conductor
- Polyethylene Insulation



Popular Packaging:

- Reel 4 x 500'
- Consult factory for other packaging options

AWG	# COND	STR/SOL	AVG. WT. PER MFT (LBS)	PART #
600V DIRECT BURIAL RATED				
18	1	SOL	11	1301
14	1	SOL	20	1303
12	1	SOL	28	1304

Underground Lighting Cables

Construction:

- Stranded Bare Copper Conductors
- Heavy Wall, Integral Zip Construction
- PVC Jacket
- Jacket Colors: Black



Features:


- Sunlight Resistant

Popular Packaging:

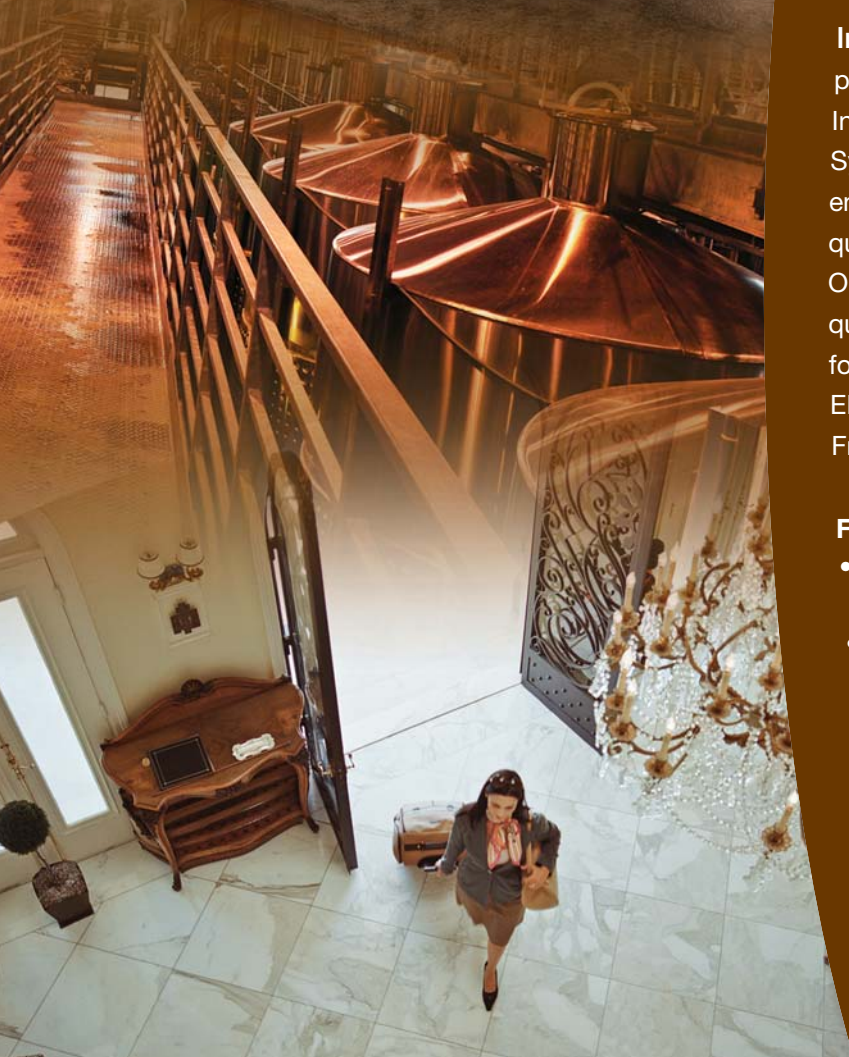
- Reel 250', 500', 1000'
- Consult factory for other packaging options

AWG	# COND	NOM. O.D. (IN)	AVG. WT. PER MFT (LBS)	PART #
150V DIRECT BURIAL RATED				
14	2	0.165 x 0.345	50	1021
12	2	0.190 x 0.390	82	1019
10	2	0.220 x 0.440	120	1018
8	2	0.295 x 0.590	225	1017

HVAC Thermostat & Control Cables



Creating Comfort...As the world's leading thermostat manufacturer, Honeywell knows about home comfort systems. When a homeowner seeks a dependable HVAC system, the link between system components is probably not on their minds. It is up to you to find a manufacturer that has the most enhanced and efficient cabling available. The flawless connection of Honeywell's thermostat and mini split cables throughout the home creates the reliable comfort that homeowners value.



Improving Control...Your customers trust you to protect their most valuable asset – their business. Installing an Access Control and Building Automation System provided them with peace of mind. As these energy and security systems become more intelligent, quality cable becomes an even more important factor. Our control cables are manufactured to the highest quality standards and are recommended and approved for Echelon LONWORKS, BACnet (conforms to ANSI/TIA/EIA-485 specifications) and Tridium's Niagara^{AX} Framework[®] systems.

Features:

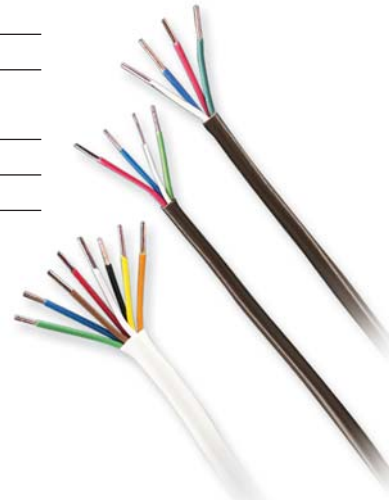
- Full range of thermostat and commercial control cables
- Polypropylene insulation provides exceptional dielectric and strips easily and cleanly, saving time
- Available for General Purpose (CL2) or Plenum (CL2P) Applications
- Packaging options: Spools, Speedbags[™] and Pull Boxes
- 100% guaranteed

Tridium and Niagara^{AX} Framework are registered trademarks of Tridium, Inc.

Thermostat Cables

Construction:

	Non-Plenum	Plenum
Conductors	Solid Bare Copper	
Insulation	PP	Low-Smoke PVC
	Conductor Color Code Chart 6	
Jacket	PVC	Low-Smoke PVC
Colors	White, Brown	Natural



Features:

- Sunlight Resistant (Except Plenum)
- Braided Ripcord

Packaging:

- Consult factory for other packaging options

20 AWG

# COND	STR/SOL	DC RESISTANCE (OHMS)	NOM. CAP. (PF/FT)	NOM. O.D. (IN)	PACKAGING	AVG. WT. PER MFT (LBS)	PART #
GENERAL PURPOSE – CL2 LISTED							
2	SOL	10.3	17	0.118	4 x 500' S or 1 x 500' SB	11	4701
3	SOL	10.3	17	0.124	4 x 500' S or 1 x 500' SB	14	4702
4	SOL	10.3	17	0.136	4 x 250' S or 1 x 250' SB	18	4703
5	SOL	10.3	17	0.148	4 x 250' S or 1 x 250' SB	20	4704
6	SOL	10.5	17	0.161	4 x 250' S or 1 x 250' SB	24	4705
7	SOL	10.5	17	0.161	4 x 250' S or 1 x 250' SB	27	4706
8	SOL	10.5	17	0.174	4 x 250' S or 1 x 250' SB	31	4707
9	SOL	10.5	17	0.188	4 x 250' S or 1 x 250' SB	35	4708 F
10	SOL	10.5	17	0.204	4 x 250' S or 1 x 250' SB	39	4709 F

F Consult factory for availability

Thermostat Cables (continued)

18 AWG

# COND	STR/SOL	DC RESISTANCE (OHMS)	NOM. CAP. (PF/FT)	NOM. O.D. (IN)	PACKAGING	AVG. WT. PER MFT (LBS)	PART #
GENERAL PURPOSE – CL2 LISTED							
2	SOL	6.5	19	0.136	4 x 500' S or 1 x 500' SB	16	4710
3	SOL	6.5	19	0.144	4 x 500' S or 1 x 500' SB	21	4711
4	SOL	6.5	19	0.157	4 x 250' S or 1 x 250' SB	26	4712
5	SOL	6.5	19	0.172	4 x 250' S or 1 x 250' SB	32	4713
6	SOL	6.5	19	0.188	4 x 250' S or 1 x 250' SB	38	4714
7	SOL	6.5	19	0.188	4 x 250' S or 1 x 250' SB	44	4715
8	SOL	6.5	19	0.204	4 x 250' S or 1 x 250' SB	50	4716
9	SOL	6.5	19	0.220	4 x 250' S or 1 x 250' SB	55	4717
10	SOL	6.5	19	0.240	4 x 250' S or 1 x 250' SB	61	4718
12	SOL	6.5	19	0.248	1 x 250' S or 1 x 250' SB	74	4719
PLENUM RATED – CMP, CL2P, C(UL) FT6 LISTED							
2	SOL	6.5	28	0.136	4 x 500' S	17	4760
3	SOL	6.5	28	0.144	4 x 500' S	23	4761
4	SOL	6.5	28	0.157	4 x 250' S	29	4762
5	SOL	6.5	28	0.172	4 x 250' S	35	4763
6	SOL	6.5	28	0.188	4 x 250' S	42	4764
7	SOL	6.5	28	0.188	4 x 250' S	47	4765 F
8	SOL	6.5	28	0.204	4 x 250' S	54	4766
9	SOL	6.5	28	0.220	4 x 250' S	60	4767 F
10	SOL	6.5	28	0.240	4 x 250' S	67	4768
12	SOL	6.5	28	0.248	1 x 250' S	79	4769 F



F Consult factory for availability

Mini Split Cables

Power and Control for Mini Split Systems

Construction:

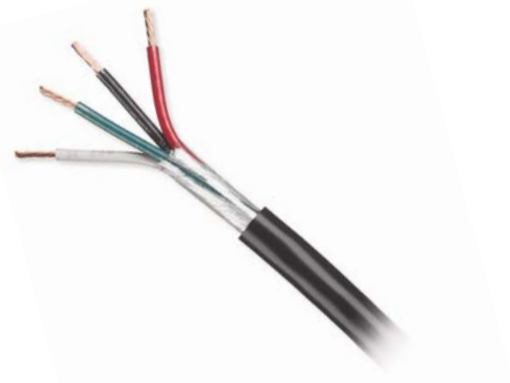
- Stranded Bare Copper Conductors
- Polypropylene Insulation (General Purpose)
- PVC with Nylon Insulation (THHN)
- PVC Jacket

Features:

- Sunlight Resistant

Packaging:

- Consult factory for other packaging options



AWG	# CONDUCTORS	SHIELD	JACKET COLOR	PACKAGING	PART #
DIRECT BURIAL – 600V THHN LISTED					
14	4	Unshielded	Black	250' Reel, 5 x 50' Coils	1070
GENERAL PURPOSE – CM/CL2 LISTED					
18	2	OAS	Gray	500', 1000' Box, Reel	1214
18	4	OAS	Gray	500', 1000' Box, Reel	1215
18	4	Unshielded	Gray	500', 1000' Box, Reel	1119
16	2	OAS	Gray	500', 1000' Box, Reel	1221

BACnet Cables



For Use with Network and Automation Control Systems

Construction:

- Stranded Bare Copper or Tinned Copper Conductor Pairs
- FEP Insulation
- Aluminum/Mylar Shield with Drain Wire
- Low-Smoke Plenum PVC Jacket

Packaging:

- Consult factory for packaging options



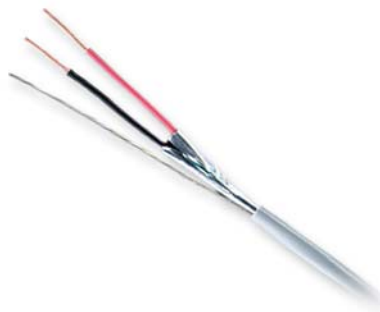
AWG	# PAIRS	CONDUCTOR MATERIAL	IMPEDANCE	DC RESISTANCE (OHMS/M')	NOM. CAP. (PF/FT)	NOM. O.D. (IN)	AVG. WT. PER MFT (LBS)	PART #
PLENUM RATED – CMP, CL2P, C(UL), FT6 LISTED								
22	1	TC	100	16.5	14.5	0.185	20	3251
22	2	BC	100	16.5	14.5	0.265	21	3255
18	1	BC	100	6.5	15.0	0.254	31	3322

Echelon LonWORKS Cables

For Use with Network and Automation Control Systems

Construction:

- Stranded Bare Copper Conductor Pairs
- Unshielded or Al/Mylar Overall Shielded
- Jacket Colors: Gray



Popular Packaging:

- Pull Box 1000'
- Consult factory for packaging options

AWG	# PAIRS	SHIELD	PART #
GENERAL PURPOSE – CM, CL2 LISTED			
22	1	Unshielded	1061
22	2	Unshielded	1062
22	1	OAS	1063
22	2	OAS	1064
PLENUM RATED – CMP, CL2P LISTED			
22	1	Unshielded	3252
22	2	Unshielded	3253
22	1	OAS	3254
22	2	OAS	3255



Access Control Cables

For Building Automation, Tridium's Niagara^{AX} Framework and Access/Security Control Systems

Construction:

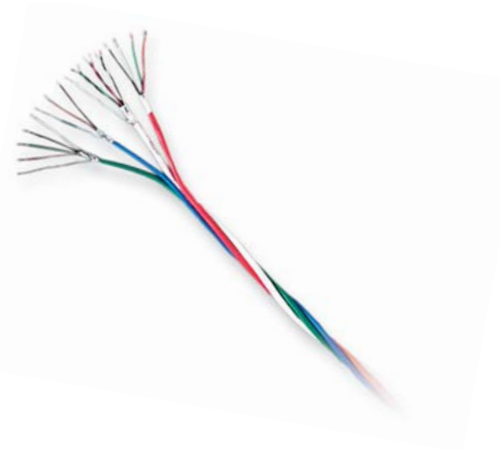
- Profusion Unjacketed Composite Construction
- Reduces Cold Weather Cracking and Cable Separation
- Dramatically Reduces Installation Time

LEG	CONDUCTOR	CONSTRUCTION	INSULATION COLORS	LAY LENGTH NOM. (IN)	SHIELD	JACKET COLOR
Door Strike	18 AWG BC 16/30 STR	4/C OAS	Black, Red, White, Green	3.0	Al/Mylar	Orange
Card Reader	22 AWG BC 7/30 STR	3/PR OAS	Black/Red, Green/White, Orange/Blue	Pair: 2.0 Cable: 4.5	Al/Mylar	White
Door Contact	22 AWG BC 7/30 STR	2/C OAS	Black, Red	1.75	Al/Mylar	Blue
Request For Exit	22 AWG BC 7/30 STR	4/C OAS	Black, Red, White, Green	2.0	Al/Mylar	Green

Popular Packaging:

- Reel 250', 500', 1000'
- Consult factory for packaging options

DESCRIPTION	PART #
GENERAL PURPOSE - CM LISTED	
4 Leg Access Control Cable	1298
PLENUM RATED - CMP LISTED	
4 Leg Access Control Cable	3295



Fire Alarm Cables

Our Fire Alarm Cables are manufactured in a wide variety of gauge sizes, shielding configurations and jacketing materials including plenum, riser and general purpose. Genesis also manufactures fire alarm cables that meet the requirements of New York City Local Law 5 and New York State Toxicity requirements.

Features:

- Countdown or sequential footage markings
- New labeling system on boxes
- Color coded boxes
- Zone and room markings

Article 760:

The scope of this article covers the installation of wiring and equipment of fire alarm systems including all circuits controlled and powered by the fire alarm system. These include fire detection and alarm notification, guard's tour, sprinkler waterflow and sprinkler supervisory systems. Circuits controlled and powered by the fire alarm system include circuits for the control of building systems safety functions, elevator capture, elevator shutdown, door release, smoke doors and damper control, fire doors and damper control and fan shutdown. Applicable only where these circuits are powered by and controlled by the fire alarm system.

Fire Power Limited Cable:

Type FPL, FPLR, FPLP

Fire Alarm Cables – Unshielded

Construction:

	Non-Plenum	Plenum	Direct Burial
Conductors	Bare Copper		
Insulation	PP	Low-Smoke PVC	SRPVC
	Conductor Color Code Chart 4		
Jacket	PVC	Low-Smoke PVC	PVC
Colors	Red, White		Black



Features:

– Sunlight Resistant (Except Plenum)

Popular Packaging:

- Pull Box 500', 1000'
- Reel 500', 1000'
- Consult factory for other packaging options

22 AWG – UNSHIELDED

# COND	STR/SOL	DC RESISTANCE (OHMS)	NOM. CAP. (PF/FT)	NOM. O.D. (IN)	AVG. WT. PER MFT (LBS)	PART #
GENERAL PURPOSE – FPL LISTED						
4	SOL	17.0	15	0.122	15	4101 A
6	SOL	17.0	15	0.144	19	4102
8	SOL	17.0	15	0.156	24	4103
10	SOL	17.5	15	0.182	31	4104
12	SOL	17.0	15	0.188	37	4105
RISER RATED – FPLR, CL2R, C(UL), FT4 LISTED						
4	SOL	17.0	15	0.122	15	4301
6	SOL	17.0	15	0.144	19	4302 F
8	SOL	17.0	15	0.156	25	4303 F
10	SOL	17.0	15	0.182	30	4304 F
12	SOL	17.0	15	0.188	36	4305 F
PLENUM RATED – FPLP, CL2P, C(UL), FT6 LISTED						
6	SOL	17.0	22	0.144	21	4502
10	SOL	17.0	22	0.182	33	4504 F
12	SOL	17.0	22	0.188	38	4505

A Not twisted
F Consult factory for availability

Unshielded

Conventional

Fire Alarm

Fire Alarm Cables – Unshielded (continued)

18 AWG – UNSHIELDED

# COND	STR/SOL	DC RESISTANCE (OHMS)	NOM. CAP. (PF/FT)	NOM. O.D. (IN)	AVG. WT. PER MFT (LBS)	PART #
GENERAL PURPOSE – FPL LISTED						
2	SOL	6.5	20	0.134	17	4106
4	SOL	6.5	20	0.170	29	4107 A
6	SOL	6.32	20	0.192	41	4108 c
8	SOL	6.5	20	0.208	52	4109 c
10	SOL	6.5	20	0.244	68	4110 c
RISER RATED – FPLR, CL2R, C(UL), FT4 LISTED						
2	SOL	6.5	19	0.138	17	4306
4	SOL	6.5	19	0.174	34	4307
6	SOL	6.5	19	0.187	44	4308 c
8	SOL	6.5	19	0.208	54	4309 c
10	SOL	6.5	19	0.244	67	4310 c
PLENUM RATED – FPLP, CL2P, C(UL), FT6 LISTED						
2	SOL	6.5	24	0.134	19	4506
4	SOL	6.5	24	0.156	32	4507
6	SOL	6.5	24	0.192	45	4508 c
DIRECT BURIAL – FPL LISTED						
2	STR	6.5	19	0.260	37	4156 c
4	STR	6.5	19	0.295	59	4157 c
6	STR	6.5	19	0.345	76	4158 c
8	STR	6.5	19	0.375	95	4159

A Not twisted
C Reels only

Fire Alarm Cables – Unshielded (continued)

Construction:

	Non-Plenum	Plenum	Direct Burial
Conductors	Bare Copper		
Insulation	PP	Low-Smoke PVC	SRPVC
	Conductor Color Code Chart 4		
Jacket	PVC	Low-Smoke PVC	PVC
Colors	Red, White		Black

Features:

- Sunlight Resistant (Except Plenum)

Popular Packaging:

- Pull Box 500', 1000'
- Reel 500', 1000'
- Consult factory for other packaging options

16 AWG – UNSHIELDED

# COND	STR/SOL	DC RESISTANCE (OHMS)	NOM. CAP. (PF/FT)	NOM. O.D. (IN)	AVG. WT. PER MFT (LBS)	PART #
GENERAL PURPOSE – FPL LISTED						
2	SOL	4.15	20	0.154	24	4111
4	SOL	4.15	20	0.180	43	4112 c
RISER RATED – FPLR, CL2R, C(UL), FT4 LISTED						
2	SOL	4.919	20	0.160	24	4311
4	SOL	4.150	20	0.184	43	4312
PLENUM RATED – FPLP, CL2P, C(UL), FT6 LISTED						
2	SOL	4.19	27	0.154	26	4511
4	SOL	4.05	27	0.180	47	4512 c
DIRECT BURIAL – FPL LISTED						
2	STR	3.90	21	0.282	45	4151 c

Unshielded

Conventional

Fire Alarm



C Reels only

Fire Alarm Cables – Unshielded (continued)

14 AWG – UNSHIELDED

# COND	STR/SOL	DC RESISTANCE (OHMS)	NOM. CAP. (PF/FT)	NOM. O.D. (IN)	AVG. WT. PER MFT (LBS)	PART #
GENERAL PURPOSE – FPL LISTED						
2	SOL	2.6	22	0.182	35	4113 c
4	SOL	2.6	22	0.214	64	4114 c
RISER RATED – FPLR, CL2R, C(UL), FT4 LISTED						
2	SOL	2.54	22	0.184	37	4313 c
4	SOL	2.54	22	0.214	65	4314 c
PLENUM RATED – FPLP, CL2P, C(UL) FT6 LISTED						
2	SOL	2.5	27	0.182	38	4513 c
4	SOL	2.5	27	0.214	68	4514 c
DIRECT BURIAL – FPL, CL2 LISTED						
2	STR	2.5	23	0.310	60	4153 c
4	STR	2.5	23	0.355	102	4154 c

12 AWG – UNSHIELDED

# COND	STR/SOL	DC RESISTANCE (OHMS)	NOM. CAP. (PF/FT)	NOM. O.D. (IN)	AVG. WT. PER MFT (LBS)	PART #
GENERAL PURPOSE – FPL LISTED						
2	SOL	1.6	22	0.214	52	4115 c
RISER RATED – FPLR, CL2R, C(UL), FT4 LISTED						
2	SOL	2.54	22	0.214	55	4315 c
PLENUM RATED – FPLP, CL2P, C(UL), FT6 LISTED						
2	SOL	1.6	30	0.214	55	4515 c

C Reels only

Fire Alarm Cables – Overall Shielded

Construction:

	Non-Plenum	Plenum
Conductors	Bare Copper	
Shield	Al/Mylar with Drain Wire	
Insulation	PP	Low-Smoke PVC
	Conductor Color Code Chart 4	
Jacket	PVC	Low-Smoke PVC
Colors	Red, White	



Features:

– Sunlight Resistant (Except Plenum)

Popular Packaging:

- Pull Box 500', 1000'
- Reel 500', 1000'
- Consult factory for other packaging options

22 AWG – SHIELDED

# COND	STR/SOL	DC RESISTANCE (OHMS)	NOM. CAP. (PF/FT)	NOM. O.D. (IN)	AVG. WT. PER MFT (LBS)	PART #
GENERAL PURPOSE – FPL LISTED						
4	SOL	17.0	31	0.124	17	4201
RISER RATED – FPLR, CL2R, C(UL), FT4 LISTED						
4	SOL	17.5	31	0.126	16	4401
PLENUM RATED – FPLP, CL2P, C(UL), FT6 LISTED						
4	SOL	17.0	53	0.126	18	4601

18 AWG – SHIELDED

# COND	STR/SOL	DC RESISTANCE (OHMS)	NOM. CAP. (PF/FT)	NOM. O.D. (IN)	AVG. WT. PER MFT (LBS)	PART #
GENERAL PURPOSE – FPL LISTED						
2	SOL	6.5	42	0.138	20	4202
4	SOL	6.5	42	0.160	31	4203
6	SOL	6.5	42	0.196	50	4204 c
8	SOL	6.5	42	0.212	57	4205 c
RISER RATED – FPLR, CL2R, C(UL), FT4 LISTED						
2	SOL	6.5	42	0.138	21	4402
4	SOL	6.5	42	0.163	32	4403
6	SOL	6.5	42	0.196	46	4404 c
8	SOL	6.5	42	0.212	56	4405 c
PLENUM RATED – FPLP, CL2P, C(UL), FT6 LISTED						
2	SOL	6.5	68	0.140	22	4602
4	SOL	6.5	68	0.168	35	4603
6	SOL	6.5	68	0.196	50	4604 c

C Reels only

Overall Shielded (OAS)

Conventional

Fire Alarm

Fire Alarm Cables – Overall Shielded (continued)

16 AWG – SHIELDED

# COND	STR/SOL	DC RESISTANCE (OHMS)	NOM. CAP. (PF/FT)	NOM. O.D. (IN)	AVG. WT. PER MFT (LBS)	PART #
GENERAL PURPOSE – FPL LISTED						
2	SOL	4.1	46	0.158	29	4206
4	SOL	4.1	46	0.186	49	4207 c
RISER RATED – FPLR, CL2R, C(UL), FT4 LISTED						
2	SOL	4.1	46	0.158	31	4406
4	SOL	4.1	46	0.190	49	4407 c
PLENUM RATED – FPLP, CL2P, C(UL), FT4 LISTED						
2	SOL	4.05	77	0.158	35	4606
4	SOL	4.05	77	0.186	52	4607 c

14 AWG – SHIELDED

# COND	STR/SOL	DC RESISTANCE (OHMS)	NOM. CAP. (PF/FT)	NOM. O.D. (IN)	AVG. WT. PER MFT (LBS)	PART #
GENERAL PURPOSE – FPL LISTED						
2	SOL	2.54	52	0.186	40	4208 c
4	SOL	2.54	52	0.218	67	4209 c
RISER RATED – FPLR, CL2R, C(UL), FT4 LISTED						
2	SOL	2.54	52	0.192	42	4408 c
4	SOL	2.54	52	0.218	72	4409 c
PLENUM RATED – FPLP, CL2P, C(UL), FT6 LISTED						
2	SOL	2.5	86	0.186	44	4608 c
4	SOL	2.5	86	0.218	75	4609 c

12 AWG – SHIELDED

# COND	STR/SOL	DC RESISTANCE (OHMS)	NOM. CAP. (PF/FT)	NOM. O.D. (IN)	AVG. WT. PER MFT (LBS)	PART #
GENERAL PURPOSE – FPL LISTED						
2	SOL	1.6	56	0.218	59	4210 c
RISER RATED – FPLR, CL2R, C(UL), FT4 LISTED						
2	SOL	1.65	56	0.218	60	4410 c
PLENUM RATED – FPLP, CL2P, C(UL), FT6 LISTED						
2	SOL	1.6	96	0.218	63	4610 c

C Reels only

Alarm Cables – Zipcord

Construction:

- Solid Bare Copper Conductors
- PVC Insulation
- Parallel Zip Construction
- Jacket Colors: Red, White

Features:

- Sunlight Resistant
- One Conductor Ribbed for Polarity

Popular Packaging:

- Pull Box 500', 1000'
- Reel 500', 1000'
- Consult factory for other packaging options



AWG	# COND	STR/SOL	DC RESISTANCE (OHMS)	NOM. CAP. (PF/FT)	NOM. O.D. (IN)	AVG. WT. PER MFT (LBS)	PART #
GENERAL PURPOSE – FPL, C(UL), CMG LISTED							
18	2	SOL	6.4	17	0.105 x 0.217	18	4002
14	2	SOL	2.54	17	0.129 x 0.273	39	4004 c
RISER RATED – FPLR, CL2R, C(UL), FT4 LISTED							
18	2	SOL	6.5	17	0.088 x 0.196	18	4422
16	2	SOL	4.05	17	0.094 x 0.200	26	4423
14	2	SOL	2.54	17	0.107 x 0.220	37	4424 c
12	2	SOL	1.6	17	0.124 x 0.250	52	4425 c



C Reels only

Fire Alarm Cables – Unshielded Mid. Capacitance

Construction:

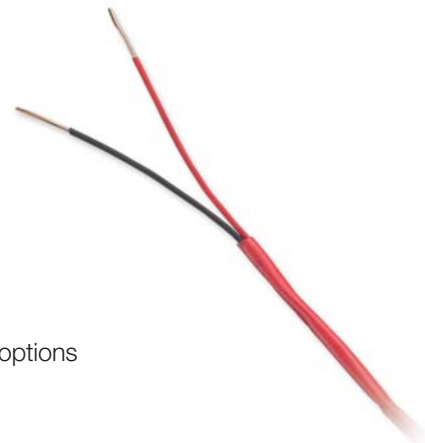
- Solid Bare Copper Conductors
- Polypropylene Insulation
- PVC Jacket
- Conductor Color Code Chart 4
- Jacket Colors: Red

Features:

- Sunlight Resistant

Popular Packaging:

- Pull Box 500', 1000'
- Reel 500', 1000'
- Consult factory for other packaging options



AWG	# COND	STR/SOL	DC RESISTANCE (OHMS)	NOM. CAP. (PF/FT)	NOM. O.D. (IN)	AVG. WT. PER MFT (LBS)	PART #
RISER RATED – FPLR, CL2R, C(UL), FT4 LISTED							
18	2	SOL	6.25	15	0.144	19	4431
16	2	SOL	4.07	17	0.170	26	4432 c
14	2	SOL	2.57	19	0.208	38	4433 c
12	2	SOL	1.60	22	0.256	60	4434 CF

Fire Alarm Cables – Shielded Mid. Capacitance

Construction:

- Solid Bare Copper Conductors
- Aluminum/Mylar Overall Shield with Drain Wire
- Polypropylene Insulation
- PVC Jacket
- Conductor Color Code Chart 4
- Jacket Colors: Red

Features:

- Sunlight Resistant

Popular Packaging:

- Pull Box 500', 1000'
- Reel 500', 1000'
- Consult factory for other packaging options



AWG	# COND	STR/SOL	DC RESISTANCE (OHMS)	NOM. CAP. (PF/FT)	NOM. O.D. (IN)	AVG. WT. PER MFT (LBS)	PART #
RISER RATED – FPLR, CL2R, C(UL), FT4 LISTED							
18	2	SOL	6.32	34	0.148	21	4441
16	2	SOL	4.07	38	0.187	32	4442 c
14	2	SOL	2.54	41	0.212	43	4443 F
12	2	SOL	1.60	48	0.260	48	4444 c

C Reels only
F Consult factory for availability

Fire Alarm Cables – Unshielded NYC Local Law 5

Construction:

- Solid Bare Copper Conductors
- Fluoropolymer Insulation and Jacket
- Conductor Color Code Chart 4
- Jacket Colors: Red

Popular Packaging:

- Pull Box 500', 1000'
- Reel 500', 1000'
- Consult factory for other packaging options



AWG	# PAIRS	STR/SOL	DC RESISTANCE (OHMS)	NOM. CAP. (PF/FT)	NOM. O.D. (IN)	AVG. WT. PER MFT (LBS)	PART #
NYC LL5, FPLP LISTED							
18	1	SOL	6.32	45	0.198	26	5500 F
18	2	SOL	6.32	45	0.312	47	5501 F
16	1	SOL	4.07	55	0.214	36	5502
16	2	SOL	4.07	55	0.345	62	5503 F
14	1	SOL	2.54	60	0.244	47	5504
14	2	SOL	2.54	60	0.374	87	5506
12	1	SOL	1.60	65	0.272	67	5505 F

Fire Alarm Cables – Shielded NYC Local Law 5

Construction:

- Solid Bare Copper Conductors
- Aluminum/Mylar Overall Shield with Drain Wire
- Fluoropolymer Insulation and Jacket
- Conductor Color Code Chart 4
- Jacket Colors: Red

Popular Packaging:


- Pull Box 500', 1000'
- Reel 500', 1000'
- Consult factory for other packaging options



AWG	# PAIRS	STR/SOL	DC RESISTANCE (OHMS)	NOM. CAP. (PF/FT)	NOM. O.D. (IN)	AVG. WT. PER MFT (LBS)	PART #
NYC LL5, FPLP LISTED							
18	1	SOL	6.32	80	0.202	28	5550 F
18	2	SOL	6.32	80	0.316	51	5551 F
16	1	SOL	4.07	100	0.215	42	5552
16	2	SOL	4.07	100	0.343	71	5553
14	1	SOL	2.54	110	0.243	51	5554
14	2	SOL	2.54	110	0.398	93	5555 F
12	1	SOL	1.60	130	0.276	75	5556 F

F Consult factory for availability

Genesis Crystal Series Cables



The Honeywell Genesis Crystal Series is an innovative line of advanced, top quality cables, developed to assist the CE professional in crafting state-of-the-art home theater and audio/video systems. CE professionals demand cable solutions that offer uncompromising performance. They want cables that are lightweight, flexible and visually appealing.

Crystal Series cables are constructed with premium materials allowing the ultimate synthesis of artistic performance and technical sophistication. For example, Crystal Audio Series cables use only high-strand count, oxygen-free copper conductors for the purest sound transmission. Crystal Video Series serial digital coaxial cables utilize a bare copper center conductor with a gas injected dielectric to deliver bandwidth of 3 GHz. They are UL Listed and stringently tested to surpass the industry's high standards.

Mini-RGB Cables – Jacketed

Construction:

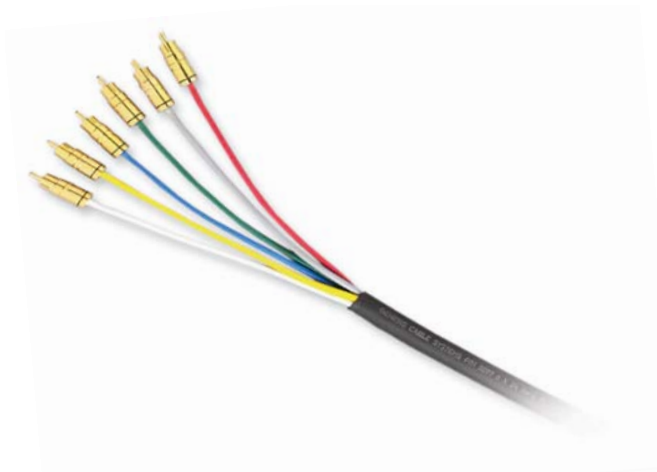
- 100% Foil Shield
- 95% Tinned Copper Braid Shield
- Gas Injected Dielectric
- 81% VP
- Super Flexible TPE Jacket

Features:

- Ripcord
- Sweep Test Verified

Packaging:

- Consult factory for packaging options



STYLE	COAXIAL JACKET COLORS	SHIELD	IMPEDANCE (OHMS)	NOM. O.D. (IN)	NOM. CAP. (PF/FT)	AVG. WT. PER MFT (LBS)	PART #
GENERAL PURPOSE – CM LISTED							
3 x Mini-Coax	Red, Green, Blue	95% TC & 100% Foil	75	0.375	17	90	5019
5 x Mini-Coax	Red, Green, Blue, Yellow, White	95% TC & 100% Foil	75	0.475	17	135	5029
6 x Mini-Coax	Red, Green, Blue, Yellow, White, Gray	95% TC & 100% Foil	75	0.540	17	145	5099
5 x Mini-Coax + Cat5e	Red, Green, Blue, Yellow, White	95% TC & 100% Foil	75	0.620	17	150	5098



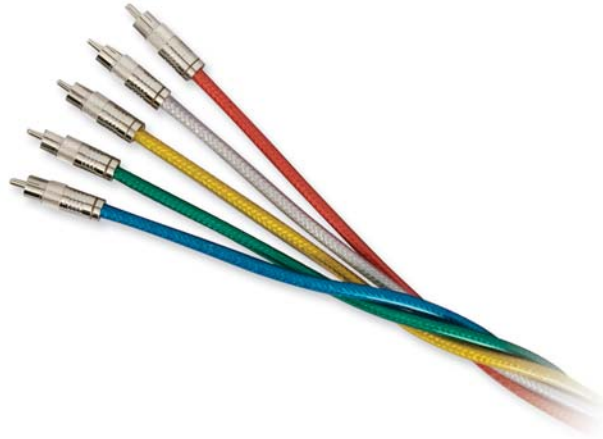
Profusion RGB Cables

Construction:

- 100% Foil Shield
- 95% Tinned Copper Braid Shield
- Gas Injected Dielectric
- Profusion Unjacketed Construction
- Sweep Tested to 3 GHz

Packaging:

- Consult factory for packaging options



STYLE	COAXIAL JACKET COLORS	SHIELD	IMPEDANCE (OHMS)	NOM. O.D. (IN)	NOM. CAP. (PF/FT)	AVG. WT. PER MFT (LBS)	PART #
GENERAL PURPOSE – CM LISTED							
3 x Mini	Red, Green, Blue	95% TC & 100% Foil	75	0.315	16.2	86	5094
5 x Mini	Red, Green, Blue, Yellow, Clear	95% TC & 100% Foil	75	0.400	16.2	144	5095
DWELLINGS – CATVX, CMX, CL2X LISTED							
3 x RG59	Red, Green, Blue	95% TC & 100% Foil	75	0.360	16.2	86	5036
5 x RG59	Red, Green, Blue, Yellow, Clear	95% TC & 100% Foil	75	0.600	16.2	144	5052

Digital & HDTV Coaxial Cables

Construction:

- Solid Bare Copper Conductor
- 100% Aluminum Foil Shield
- 95% Tinned Copper Braid Shield
- Transparent PVC Jacket (PN: 5035)
- Flexible TPE Jacket (PN: 5363)
- Jacket Colors:

5363: Red, Green, Blue, White; 100' Coils

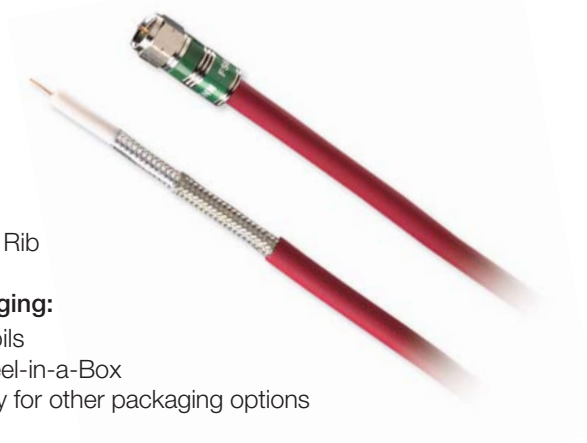
5035: Translucent Red, Green, Blue, Yellow, Clear; 500' Rib

Features:

- Sunlight Resistant (Gen. Purpose)
- Sweep Tested to 3 GHz

Popular Packaging:

- 5363: 100' Coils
- 5035: 500' Reel-in-a-Box
- Consult factory for other packaging options



STYLE	AWG	SHIELD	NOM. VP	NOM. CAP. (PF/FT)	NOM. O.D. (IN)	AVG. WT. PER MFT (LBS)	PART #
GENERAL PURPOSE – CATV, CL2 LISTED							
RG6/U	18 BC	95% TC + 100% FOIL	81	16.5	0.280	33	5363
DWELLINGS – CATVX, CMX, CL2X LISTED							
RG59/U	20 BC	95% TC + 100% FOIL	81	16.2	0.245	29	5035

Professional Audio & Home Theater Cables

Construction:

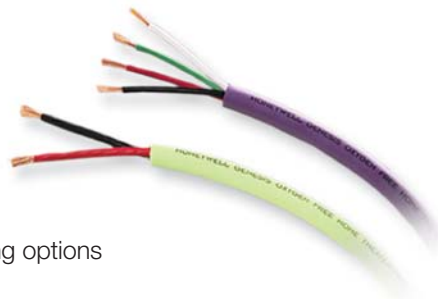
- Stranded Oxygen-Free Bare Copper Conductors
- Flexible Polypropylene Insulation
- Flexible TPE Jacket

Features:

- Sunlight Resistant

Popular Packaging:

- Reel 500', 1000'
- Consult factory for other packaging options



AWG	# COND	STR COUNT	DC RESISTANCE (OHMS)	IMPEDANCE (OHMS)	NOM. CAP. (PF/FT)	AVG. WT. NOM. O.D. (IN)	JACKET COLOR	PER MFT (LBS)	PART #
GENERAL PURPOSE – CM, CL3 LISTED									
16	2	65/34	3.37	79.1	19	0.225	Light Purple or White	45	5290
16	4	65/34	3.37	79.1	19	0.275	Dark Purple or White	65	5291
14	2	105/34	1.88	78.1	19	0.275	Light Green or White	62	5292
14	4	105/34	1.88	78.1	19	0.335	Dark Green or White	105	5293
12	2	168/34	1.12	70.0	21.5	0.320	Light Green	93	5294

The Truth about HDMI® Cables



Which HDMI cable do you really need? Honeywell's High Speed HDMI cables provide the technology needed for today's A/V installations!

Learn the facts:

Bandwidth

There is no additional bandwidth required for the latest HDMI standard. Features such as 120 Hz, 3D and 4K have been engineered to work at a cable bandwidth of 10.2 Gbps.

Audio Return Channel

The ARC function is a responsibility of the source and monitor and requires a compatible source and sink device but not a specific HDMI cable.

HDMI Ethernet Channel

Source and sink devices that support the HDMI Ethernet Channel do require cables that specifically support this function.



CURË Light™ HDMI Cable shown

Feature	Supported by Honeywell's High Speed HDMI Cables
Deep Color	Yes
Dolby True HD	Yes
120 Hz @ 8-Bit color	Yes
Lip Sync	Yes
3D	Yes
4K	Yes
Audio Return Channel	Yes
HDMI Ethernet Channel	No

For more information visit www.honeywellcable.com

Honeywell

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listen up!



Honeywell is making some noise with our Audacious™ Sound Cable featuring WaveFLEX™ technology.

Have you heard about Honeywell's enhanced Audacious Sound Cable? Housed in our patent-pending WaveFLEX ridged jacketing, cable is now easier than ever to strip—making it less likely to nick conductor insulation and strands for optimal sound quality. What's more, the flexible, ridged jacketing simplifies terminations, can withstand the rigors of the most challenging installations and delivers the same robust performance you've come to expect from Audacious cable. It's like music to your ears.

Insist on quality and innovation you can trust. Insist on Honeywell Audacious Sound Cable.

Honeywell

For more information, please call **1-800-222-0060** or visit **www.honeywellcable.com**

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Home Theater Cables

Your complete solution for high-end audio transmission, stereo, professional audio systems and home theater systems.

Home Theater Sound Jacketed Cables Shielded:

- Twisted Bare Copper Conductors
- Polypropylene Insulation
- 100% Foil Shield
- Countdown or Sequential Footage Markings

Home Theater Sound Jacketed Cables Unshielded:

- Twisted Bare Copper Conductors
- Polypropylene Insulation
- Countdown or Sequential Footage Markings

Direct Burial Audio Cable:

- Oxygen Free Copper (Pure transmission area)
- High Strand Count (Flexibility and more surface area)
- Burial Applications

Audacious Audio Cable Oxygen Free Copper High Strand Count:

- WaveFLEX Jacket (Easy strip)
- Oxygen Free Copper (Pure transmission area)
- High Strand Count (Flexibility and more surface area)
- Legend Markings (Channel, rooms and zones)
- Countdown or Sequential Footage Markings

Crystal Series Audio Cable Oxygen Free Copper High Strand Count:

- Extra Flexible Jacket Material
- Extruded Jacket (Abrasion resistant)
- Easy Strip Construction
- Oxygen Free Copper (Pure transmission area)
- High Strand Count (Flexibility and more surface area)
- Polypropylene Insulation (Installation friendly)
- Legend Markings (Channel, rooms and zones)

Audacious WaveFLEX Home Theater Cables

Construction:

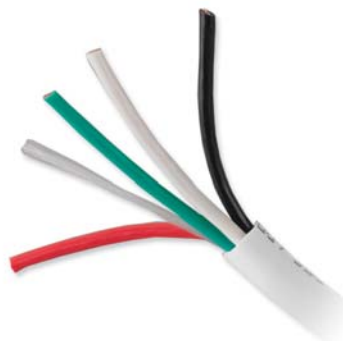
- Stranded Oxygen-Free Bare Copper Conductors
- WaveFLEX Flexible PVC Jacket

Features:

- Sunlight Resistant
- Ripcord

Popular Packaging:

- Reel 500', 1000'
- Pull Box 500', 1000'
- Consult factory for other packaging options



AWG	# COND	STR COUNT	DC RESISTANCE (OHMS)	IMPEDANCE (OHMS)	NOM. CAP. (PF/FT)	NOM. O.D. (IN)	JACKET COLOR	AVG. WT. PER MFT (LBS)	PART #
GENERAL PURPOSE – UL, CM, CL3 LISTED									
16	2	65/34	4.19	85	22	0.262	Light Purple or White	37	5473
16	4	65/34	4.19	85	22	0.294	Dark Purple or White	58	5474
14	2	105/34	2.62	75	25	0.306	Light Green or White	50	5475
14	4	105/34	2.62	75	25	0.347	Dark Green or White	86	5476

Crystal Series Home Theater Cables

Construction:

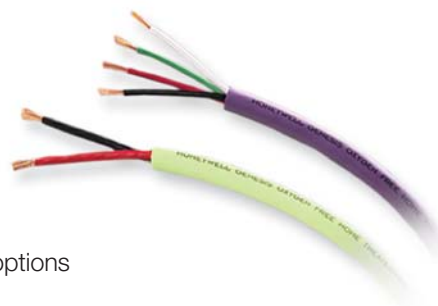
- Stranded Oxygen-Free Bare Copper Conductors
- Flexible Polypropylene Insulation
- Flexible TPE Jacket

Features:

- Sunlight Resistant

Popular Packaging:

- Reel 500'
- Consult factory for other packaging options



AWG	# COND	STR COUNT	DC RESISTANCE (OHMS)	IMPEDANCE (OHMS)	NOM. CAP. (PF/FT)	NOM. O.D. (IN)	JACKET COLOR	AVG. WT. PER MFT (LBS)	PART #
GENERAL PURPOSE – UL, CM, CL3 LISTED									
16	2	65/34	3.37	79.1	19	0.225	Light Purple or White	45	5290
16	4	65/34	3.37	79.1	19	0.275	Dark Purple or White	65	5291
14	2	105/34	1.88	78.1	19	0.275	Light Green or White	62	5292
14	4	105/34	1.88	78.1	19	0.335	Dark Green or White	105	5293
12	2	168/34	1.12	70.0	21.5	0.320	Light Green	93	5294

Combination Sound Cables

Construction:

- 4 Conductor Speaker Cable + 24/4pr Cat 5e
- PVC Jackets

Features:

- Sunlight Resistant

Popular Packaging:

- Reel 500', 1000'
- Consult factory for other packaging options



CONTROL	SPEAKER	STR COUNT	DC RESISTANCE (OHMS)	IMPEDANCE (OHMS)	NOM. CAP. (PF/FT)	NOM. O.D. (IN)	JACKET COLOR	AVG. WT. PER MFT (LBS)	PART #
GENERAL PURPOSE – UL, CM, CL3 LISTED									
24/4PR CAT 5E	14/4 STR OFBC	105/34	2.62	92	16	0.277	Fluorescent Pink	89	5279
24/4PR CAT 5E	16/4 STR OFBC	65/34	4.19	70	20	0.218 x 0.428	Pink or White	66	5280



Home Theater Cables – Unshielded

Construction:

- Stranded Bare Copper Conductors
- Polypropylene Insulation
- Super Flexible PVC Jacket
- Conductor Color Code Chart 1
- Jacket Colors: Blue, Green, White, Yellow, Purple



Features:

- Sunlight Resistant

Popular Packaging:

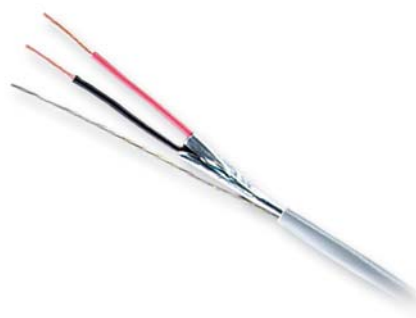
- Reel 500', 1000'
- Consult factory for other packaging options

AWG	# COND	STR COUNT	DC RESISTANCE (OHMS)	IMPEDANCE (OHMS)	NOM. CAP. (PF/FT)	NOM. O.D. (IN)	AVG. WT. PER MFT (LBS)	PART #
GENERAL PURPOSE – CM, CL2 LISTED								
16	2	26/30	4.10	70	22	0.192	27	5250
16	4	26/30	4.10	70	22	0.224	47	5251
14	2	41/30	2.62	65	25	0.224	38	5252
14	4	41/30	2.62	65	25	0.265	68	5253
12	2	65/30	1.60	67	28	0.264	57	5254
12	4	65/30	1.60	67	28	0.312	107	5255

Home Theater Cables – Shielded

Construction:

- Stranded Bare Copper Conductors
- Overall Aluminum/Mylar Shield
- Polypropylene Insulation
- Super Flexible PVC Jacket
- Conductor Color Code Chart 1
- Jacket Colors: Blue, Green, White



Features:

- Sunlight Resistant

Popular Packaging:

- Reel 500', 1000'
- Consult factory for other packaging options

AWG	# COND	STR COUNT	DC RESISTANCE (OHMS)	IMPEDANCE (OHMS)	NOM. CAP. (PF/FT)	NOM. O.D. (IN)	AVG. WT. PER MFT (LBS)	PART #
GENERAL PURPOSE – CM, CL2 LISTED								
16	2	26/30	4.19	45	38	0.196	33	5650
14	2	41/30	2.62	50	43	0.228	43	5651

Direct Burial Home Theater Cables

Construction:

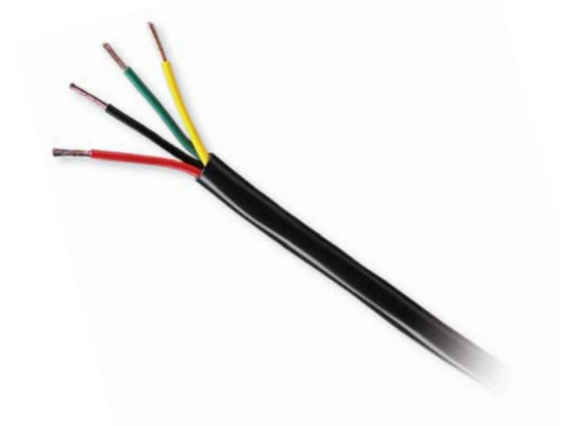
- Stranded Oxygen-Freen Bare Copper Conductors
- Semi-Rigid PVC Insulation
- PVC Jacket
- Jacket Colors: Black

Features:

- Sunlight Resistant

Popular Packaging:

- Reel 500'
- Consult factory for other packaging options



AWG	# COND	STR COUNT	DC RESISTANCE (OHMS)	IMPEDANCE (OHMS)	NOM. CAP. (PF/FT)	NOM. O.D. (IN)	AVG. WT. PER MFT (LBS)	PART #
GENERAL PURPOSE – CL3, CM LISTED								
16	2	65/34	3.91	40.5	27	0.275	42	5283
16	4	65/34	3.95	90	21	0.350	67	5284
14	2	105/34	1.88	36	32	0.320	65	5285
14	4	105/34	2.50	36	32	0.415	110	5286



Heavy Duty Home Theater Zipcord

Construction:

- Stranded Oxygen-Free Bare Copper Conductors
- Super-Flexible PVC Insulation
- Jacket Colors: Clear

Features:

- One Conductor Ribbed for Polarity

Popular Packaging:

- Reel 500', 1000'
- Consult factory for other packaging options



AWG	# COND	STR COUNT	DC RESISTANCE (OHMS)	IMPEDANCE (OHMS)	NOM. CAP. (PF/FT)	NOM. O.D. (IN)	AVG. WT. PER MFT (LBS)	PART #
GENERAL PURPOSE – CM, CL2 LISTED								
16	2	65/34	4.15	100	18	0.150 x 0.305	30	5400
14	2	105/34	2.61	100	20	0.165 x 0.335	40	5401
12	2	168/34	1.60	100	23	0.187 x 0.380	62	5402

Zipcord

Construction:

- Stranded Bare Copper Conductors
- Flexible PVC Insulation
- Parallel Zip Construction
- Jacket Colors: White, Brown, Clear

Features:

- Sunlight Resistant
- One Conductor Ribbed for Polarity

Popular Packaging:

- Pull Box 500', 1000'
- Reel 500', 1000'
- Consult factory for other packaging options



AWG	# COND	STR COUNT	DC RESISTANCE (OHMS)	IMPEDANCE (OHMS)	NOM. CAP. (PF/FT)	NOM. O.D. (IN)	AVG. WT. PER MFT (LBS)	PART #
GENERAL PURPOSE – CL2, C(UL), CMG LISTED								
24	2	7/32	26.5	155	12	0.068 x 0.145	9	1001 F
22	2	7/30	17.0	140	14	0.074 x 0.164	9	1002
20	2	7/28	10.2	124	15	0.083 x 0.180	17	1003 F
18	2	16/30	6.5	115	16.5	0.090 x 0.190	18	1004
16	2	26/30	4.15	105	18	0.100 x 0.200	24	1005

F Consult factory for availability

Multimedia Cables

Honeywell's Genesis Series Cable offers Multimedia Cables to support voice, video and data in a single cable. Multimedia cables are composite constructions designed to minimize the number of cable pulls, reduce installation cost and shorten the time required for the pre-wiring of residential systems.

Features:

- Multiple constructions available
- Cables are performance tested after bundling to assure quality
- Reduces labor time and installation cost
- UL/ETL listed and tested
- 100% Guaranteed
- Available in both jacketed and Profusion™ (non-jacketed) constructions
- Zone and room markings available on jacketed multimedia cables

Article 725:

Class 1, Class 2 and Class 3 remote-control, signaling and power limited circuits that are not an integral part of a device or appliance.

The scope of this article may include systems such as burglar alarm, access control, sound, nurse call, intercom circuits, some computer network systems, some control circuits for lighting dimmer systems, and some low voltage control circuits that originate from listed computer equipment.

General Purpose Cable:

Type CM, CL2, CL3

Profusion™ Multimedia Cables

Construction:

Profusion Unjacketed Composite Construction
 Various Combinations of

- Cat 5e
- RG6/U
- Optical Fiber

Features:

- Cat 5e Cables Tested to 350 MHz
- Coaxial Cables Tested to 3 GHz
- Custom Constructions Available (consult factory)

Popular Packaging:

- Reel 500'
- Consult factory for other packaging options



#	CATEGORY	CATEGORY	# COAX	COAX	# FIBER	FIBER	NOM. O.D. (IN)	AVG. WT. PER MFT (LBS)	PART #
GENERAL PURPOSE – CM, CL2 LISTED									
2	5e	2	2	RG6/U CCS QUAD	None	N/A	0.600	116	5060
2	5e	2	2	RG6/U BC QUAD	2	FDDI	0.650	132	5950
2	6	2	2	RG6/U BC QUAD	2	FDDI	0.700	132	5956
2	6	2	2	RG6/U BC QUAD	None	N/A	0.700	150	5957

Jacketed Multimedia Cables

Construction:

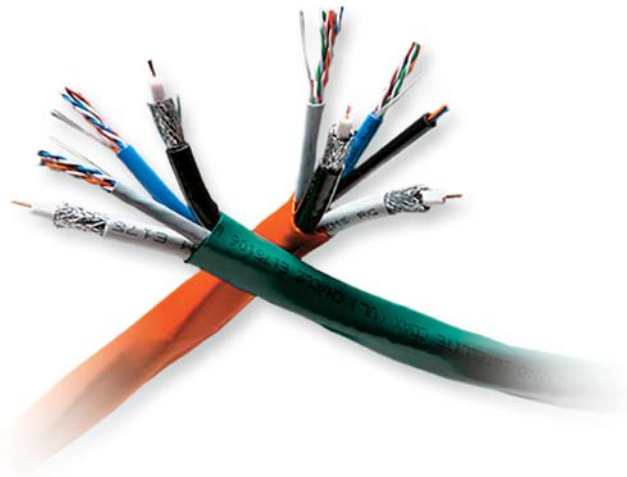
- Cabled Construction
- Various Combinations of
 - Cat 5e
 - RG6/U
 - Optical Fiber

Features:

- Cat 5e Cables Tested to 350 MHz
- Coaxial Cables Tested to 3 GHz

Popular Packaging:

- Reel 500', 1000'
- Consult factory for other packaging options



#	CATEGORY	CATEGORY	# COAX	COAX	# FIBER	FIBER	NOM. O.D. (IN)	AVG. WT. PER MFT (LBS)	PART #
GENERAL PURPOSE – CM, CL2 LISTED									
2	5e	2	2	RG6/U CCS QUAD	None	N/A	0.650	161	5050
2	5e	2	2	RG6/U CCS QUAD	2	FDDI	0.720	177	5051
2	5e	1	1	RG6/U CCS QUAD	None	N/A	0.565	108	5055 F
1	5e	3	3	RG6/U CCS QUAD	None	N/A	0.750	164	5057 F
1	5e	4	4	RG6/U CCS QUAD	None	N/A	0.765	177	5058 F
2	5e	2	2	RG6/U BC QUAD	2	FDDI	0.725	162	5061 F
2	5e	2	2	RG6/U BC QUAD	None	N/A	0.650	147	5062 F

F Consult factory for availability

Genesis Series Catlink Dual Zip

Construction:

- Parallel Zip Construction
- Cat 5e + Dual or Quad Shielded RG6/U

Features:

- Coaxial Cables Tested to 3 GHz

Popular Packaging:

- Reel 500', 1000'
- Consult factory for other packaging options



CATEGORY	COAX	NOM. O.D. (IN)	AVG. WT. PER MFT (LBS)	PART #
GENERAL PURPOSE – CM, CL2 LISTED				
24/4PR CAT 5e	RG6/U CCS QUAD	0.298 x 0.523	60	5066
24/4PR CAT 5e	RG6/U CCS DUAL 60%	0.275 x 0.500	53	5067



ace your installations



If you're looking for an easier way to install structured wiring solutions, you've got a great shot with Honeywell.

Honeywell's engineered structured wiring solutions have always provided a solid foundation for the technology needed in consumers' homes—seamlessly integrating security, computer networking, telephone, cable and satellite TV. Now, there are new improvements that make it easier than ever to install our panels and modules, including heavier gauge steel enclosures with less flex, telephone punch down blocks that ensure unimpeded communication and enhanced video splitters that support new cable functions like Video on Demand. You'll find they suit your installations to a tee.

Insist on quality and innovation you can trust. Insist on Honeywell Structured Solutions.

Honeywell

For more information please call **1-800-222-0060** or visit **www.honeywellcable.com**

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Network Cables

Honeywell's Genesis Series of Networking Cables are the main component of a communications system and a key determinant to its performance. Genesis Series Cable strictly adheres to quality manufacturing and exceeding the requirements set forth by TIA/EIA category requirements.

Features:

- Countdown or Sequential Footage Markings
- Room Numbers on Legend
- Color Coded Boxes
- New Labeling System on Boxes
- 100% Guaranteed

Article 800:

Communications Circuits, Voice and Data Cables.

The scope of this article covers: telephone, telegraph (except radio), voice and data.

General Purpose Cable:

Type CM, CMR, CMP, MP, MPR, MPP

Category 6 Cables

Construction:

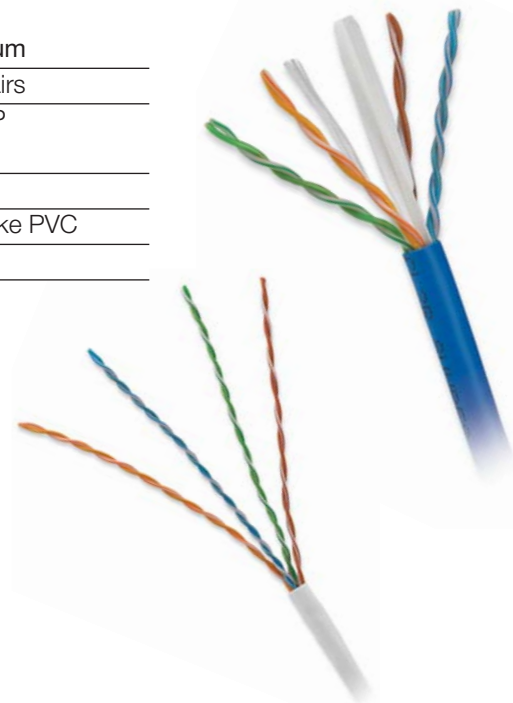
	Non-Plenum	Plenum
Conductors	Unshielded Twisted	Bare Copper Pairs
Insulation	PP	EFP
Spline	Dielectric Between Pairs	
Jacket	PVC	Low-Smoke PVC
Colors	White, Blue, Green	

Features:

- Sunlight Resistant (Except Plenum)
- Ripcord

Popular Packaging:

- Reel 1000'
- Reel-in-a-Box 1000'
- Consult factory for other packaging options



CATEGORY 6 PLUS (TESTED TO 500 MHz)

AWG	# PAIRS	CATEGORY	TYPE	IMPEDANCE (OHMS)	NOM. CAP. (PF/FT)	NOM. O.D. (IN)	AVG. WT. PER MFT (LBS)	PART #
RISER RATED – CMR, CL2R, FT4 LISTED								
23	4	6	UTP	100	15	0.240	22	5092
PLENUM RATED – CMP, CL2P, FT6 LISTED								
23	4	6	UTP	100	15	0.240	25	5102

CATEGORY 6 SPLINELESS (TESTED TO 350 MHz)

AWG	# PAIRS	CATEGORY	TYPE	IMPEDANCE (OHMS)	NOM. CAP. (PF/FT)	NOM. O.D. (IN)	AVG. WT. PER MFT (LBS)	PART #
RISER RATED – CMR, CL2R, FT4 LISTED								
23	4	6	UTP	100	15	0.210	25	6360
PLENUM RATED – CMP, CL2P, FT6 LISTED								
23	4	6	UTP	100	15	0.205	25	6361

Category 5e Cables

Construction:

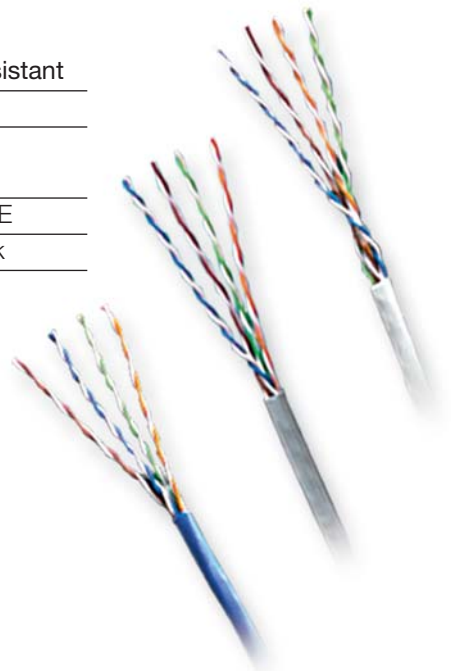
	Non-Plenum	Plenum	Water Resistant
Conductors	Unshielded Twisted Bare Copper Pairs		
Insulation	PP	FEP	PP
	Color Code Chart 5		
Jacket	PVC	Low-Smoke PVC	LLDPE
Colors	White, Blue, Gray		Black

Features:

- Sunlight Resistant (Except Plenum)
- Ripcord

Popular Packaging:

- Pull Box 1000'
- Reel-in-a-Box 1000'
- Consult factory for other packaging options



AWG	# PAIRS	CATEGORY	TYPE	IMPEDANCE (OHMS)	NOM. CAP. (PF/FT)	NOM. O.D. (IN)	AVG. WT. PER MFT (LBS)	PART #
RISER RATED – CMR, CL2R, FT4 LISTED (Tested to 350 MHz)								
24	4	5e	UTP	100	15	0.200	21	5078
24	Dual 4	5e	UTP/UTP	100	15	0.410	43	5079 G
PLENUM RATED – CMP, CL2P, FT6 LISTED (Tested to 200 MHz)								
24	4	5e	UTP	100	15	0.200	27	5088
24	Dual 4	5e	UTP/UTP	100	15	0.410	55	5089 F
WATER RESISTANT (Tested to 350 MHz)								
24	4	5e	UTP	100	15	0.200	21	5090 c

C Reels only
 F Consult factory for availability
 G 500 ft RIB or 1000 ft Spools in blue only



Category 3 Cables

Construction:

	Non-Plenum	Plenum
Conductors	Unshielded Twisted	Bare Copper Pairs
Insulation	PP	Low-Smoke PVC
	Conductor Color Code Chart 5	
Jacket	PVC	Low-Smoke PVC
Colors	White, Gray	



Features:

- Sunlight Resistant (Except Plenum)
- Ripcord

Popular Packaging:

- Pull Box 1000'
- Consult factory for other packaging options

AWG	# PAIRS	CATEGORY	TYPE	IMPEDANCE (OHMS)	NOM. CAP. (PF/FT)	NOM. O.D. (IN)	AVG. WT. PER MFT (LBS)	PART #
GENERAL PURPOSE – CM, CL2 LISTED								
22	2	3	UTP	100	17	0.175	14	4930
24	2	3	UTP	100	17	0.145	11	4931
24	3	3	UTP	100	17	0.141	15	4932
24	4	3	UTP	100	17	0.170	19	4933
24	6	3	UTP	100	17	0.207	26	4934
RISER RATED – CMR, CL2R, FT4 LISTED								
24	2	3	UTP	100	17	0.150	12	5031
24	3	3	UTP	100	17	0.160	14	5032
24	4	3	UTP	100	17	0.170	19	5033
24	6	3	UTP	100	17	0.207	26	5034
PLENUM RATED – CMP, CL2P, FT6 LISTED								
24	2	3	UTP	100	17	0.165	14	5041
24	3	3	UTP	100	17	0.175	18	5042
24	4	3	UTP	100	17	0.190	23	5043
24	6	3	UTP	100	17	0.215	33	5044 F

F Consult factory for availability

Category 3 Cross-Connect Wire

Construction:

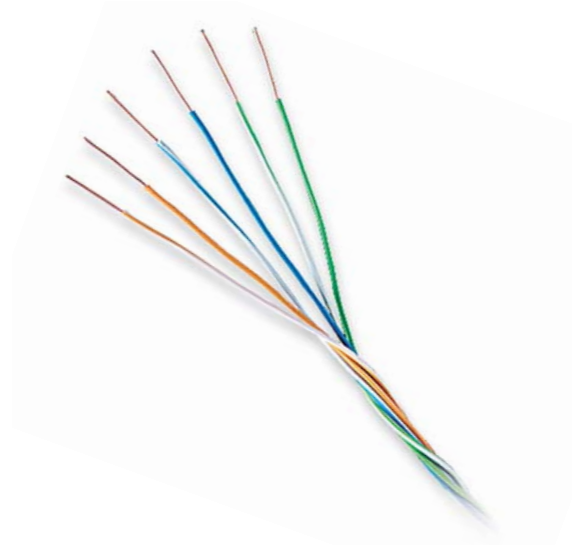
- Unshielded Twisted Bare Copper Conductor Pairs
- Polypropylene Insulation
- Conductor Color Code Chart 5

Features:

- Sunlight Resistant (Except Plenum)
- Ripcord

Popular Packaging:

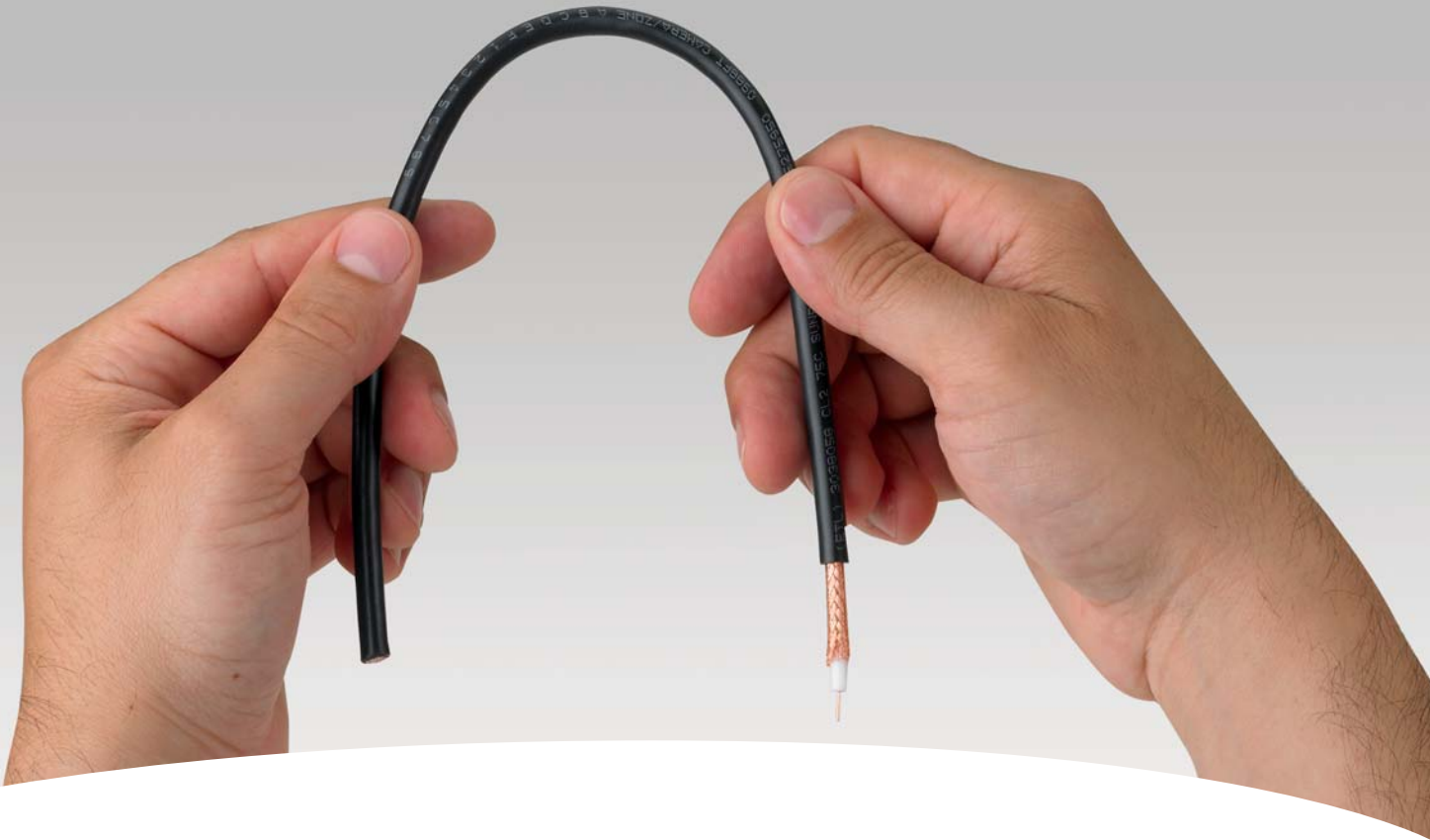
- Reel 1000'
- Consult factory for other packaging options



AWG	# PAIRS	CATEGORY	TYPE	IMPEDANCE (OHMS)	NOM. CAP. (PF/FT)	AVG. WT. PER MFT (LBS)	PART #
GENERAL PURPOSE							
24	1	3	UTP	100	17	4	1031
24	2	3	UTP	100	17	7	1032



flex appeal



At Honeywell, we bend over backwards to make your installations easier.



Honeywell's patent-pending new WaveFLEX™ jacketing makes cable easier than ever to strip—improving performance while reducing the likelihood of kinks and tearing braids or shielding. Incredibly flexible, the ridged jacketing makes termination a snap and is engineered to withstand the rigors of the most challenging installations while maintaining full UL specifications. The result? You'll save time, money and

move on to the next job more quickly. What could be more appealing than that?

Insist on quality and reliability you can trust. Insist on Honeywell's WaveFLEX.


Honeywell

Look for WaveFLEX jacketing on Honeywell's Audacious™ Sound Cable and Coax Cable products.

For more information please call **1-800-222-0060** or visit **www.honeywellcable.com**

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Coaxial & CCTV Cables



Honeywell's Genesis Series of broadband and digital coaxial cables are tested to the highest standards to assure the best performance in high-end home theater installations, incorporating HDTV and digital video. Honeywell also manufactures a wide variety of baseband coaxial cables for CCTV and other applications.

Features:

- Countdown or Sequential Footage Markings
- Room/Zone Markings on Legend
- Color Coded Boxes
- New Labeling System on Boxes
- 100% Guaranteed

Article 820:

Community Antenna Television and Video Surveillance Systems (Coaxial Cable).

The scope of this article covers coaxial cable distribution of radio frequency signals typically employed in community antenna television (CATV) systems.

NEC Energy Limitations (NEC Section 820-2):

The coaxial cable shall be permitted to deliver low energy power to equipment directly associated with the radio frequency distribution system if the voltage is not over 60 volts and if the current supply is from a transformer or other device having energy-limiting characteristics.

Conductor Material

Bare Copper (BC):

- Excellent signal strength for low frequency applications such as CCTV
- Recommended for satellite dishes to power Low Noise Blocks (LNB)

Copper Clad Steel (CCS):

- Better durability and strength than bare copper
- Common for broadband applications, including CATV/MATV and HDTV



Shielding

Shielding protects signal transmission from EMI and RFI interference. Braid shields block lower frequency interference, and foil shields block higher frequency interference.

Quad Shield:

- Two 100% Aluminum Foil Shields
- Two Aluminum Braid Shields
- Protects signal transmission from low and high frequency interference
- Ideal for high performance broadband applications

Dual Shield:

- 100% Aluminum Foil Shield
- 45-80% Aluminum Braid Shield or 100% Tinned Copper Braid Shield
- Protects signal transmission from low and high frequency interference
- Ideal for broadband applications

Braid Shield:

- 95% Bare Copper standard or 95% Copper Clad Aluminum for shorter economical runs
- Protects signal transmission from low frequency interference
- Ideal for CCTV or other low frequency applications

CCTV: Closed Circuit Television

CATV: Community Antenna Television

MATV: Master Antenna Television

HDTV: High Definition Television

EMI: Electromagnetic Interference (from electric motors, ballasts, and nearby high voltage currents)

RFI: Radio Frequency Interference (from cell phones, radio towers, wireless devices)

QUAD-Shielded Broadband Coaxial Cables

Construction:

	Non-Plenum	Plenum	Water Resistant
Conductors	Solid Bare Copper or Copper Covered Steel		
QUAD Shield	Two 100% Al Foil + Two Al Braids		
Jacket	PVC	Low-Smoke PVC	PE
Colors	Black, White	Natural	Black



Features:

- Sunlight Resistant (Except Plenum)
- Sweep Tested to 3 GHz

Popular Packaging:

- Pull Box 500', 1000'
- Reel 500', 1000'
- Reel-in-a-Box 500'
- Consult factory for other packaging options

STYLE	AWG	SHIELD	NOM. VP	NOM. CAP. (PF/FT)	NOM. O.D. (IN)	AVG. WT. PER MFT (LBS)	PART #
GENERAL PURPOSE – CATV, CL2 LISTED							
RG6/U	18 BC	60%/40% Al	82	16	0.298	36	5027
RG6/U	18 CCS	60%/40% Al	82	16	0.298	35	5007
DUAL RG6/U	18 CCS	60%/40% Al	82	16	0.298 x 0.605	72	5008 c
RISER RATED – CATVR, CL2R, FT4 LISTED							
RG6/U	18 CCS	60%/40% Al	82	16.5	0.298	33	5307
PLENUM RATED – CATVP, CL2P, FT6 LISTED							
RG6/U	18 CCS	60%/40% Al	82	16	0.276	41	5356 c
WATER RESISTANT – CATV LISTED							
RG6/U	18 CCS	60%/40% Al	81	16	0.300	32	5106

C Reels only

DUAL-Shielded Broadband Coaxial Cables

Construction:

	Non-Plenum	Plenum	Water Resistant
Conductors	Solid Bare Copper or Copper Covered Steel		
DUAL Shield	100% Al Foil + Al or TC Braid		
Jacket	PVC	Low-Smoke PVC	Polyethylene
Colors	Black, White	Natural	Black



Features:

- Sunlight Resistant (Except Plenum)

Popular Packaging:

- Pull Box 500', 1000'
- Reel 500', 1000'
- Reel-in-a-Box 500'
- 5363: 500' Reel-in-a-Box Only
- 5361: 500', 100' Pull Box or 1000' Reel Only
- Consult factory for other packaging options

STYLE	AWG	SHIELD	SWEEP FREQ.	NOM. VP	NOM. CAP. (PF/FT)	NOM. O.D. (IN)	AVG. WT. PER MFT (LBS)	PART #
GENERAL PURPOSE – CATV, CL2 LISTED								
RG11/U	14 CCS	60% Al	2.4 GHz	82	16	0.395	65	5018 c
RG6/U	18 BC	60% Al	3 GHz	82	16	0.275	31	5304
RG6/U	18 BC	95% TC	3 GHz	82	16.5	0.280	39	5361
RG6/U	18 BC	95% TC	3 GHz	81	16.5	0.280	33	5363
RG6/U	18 CCS	40% Al	2.4 GHz	82	16	0.275	31	5010
RG6/U	18 CCS	80% Al	2.4 GHz	82	16	0.275	35	5011 c
RG6/U	18 CCS	60% Al	3 GHz	82	16	0.275	31	5003
DUAL RG6/U	18 CCS	40% Al	3 GHz	82	16	0.275 x 0.565	69	5012 c
RG59/U	20 CCS	40% Al	2.4 GHz	82	16	0.244	25	5006
RISER RATED – CATVR, CL2R, FT4 LISTED								
RG6/U	18 CCS	60% Al	3 GHz	82	16.5	0.275	33	5303
PLENUM RATED – CATVP, CL2P, FT6 LISTED								
RG6/U	18 CCS	65% Al	3 GHz	82	16	0.242	36	5353
WATER RESISTANT – CATV LISTED								
RG6/U	18 CCS	60% Al	1 GHz	82	16	0.275	32	5105

C Reels only

CCTV Coaxial Cables

Construction:

	Non-Plenum	Plenum	Water Resistant
Conductors	Solid Bare Copper		
Shield	95% Bare Copper Braid		
Jacket	PVC	Low-Smoke PVC	PE
Colors	Black, White	Natural	Black

Mini Coax Colors: Black, Blue, Green, Red, Yellow, White

Features:

- Sunlight Resistant (Except Plenum)

Popular Packaging:

- Pull Box 500', 1000'
- Reel 500', 1000'
- Reel-in-a-Box 500'

- Consult factory for other packaging options



CCTV COAXIAL – RG6/U

STYLE	AWG	SHIELD	NOM. VP	NOM. CAP. (PF/FT)	NOM. O.D. (IN)	AVG. WT. PER MFT (LBS)	PART #
GENERAL PURPOSE – CL2 LISTED							
RG6/U	18 BC	95% BC	78	18	0.275	42	5002
RISER RATED – CL2R, FT4 LISTED							
RG6/U	18 BC	95% BC	78	18	0.270	45	5302
PLENUM RATED – CL2P, FT6 LISTED							
RG6/U	18 BC	95% BC	82	16	0.230	47	5352

CCTV COAXIAL – RG59/U

STYLE	AWG	SHIELD	NOM. VP	NOM. CAP. (PF/FT)	NOM. O.D. (IN)	AVG. WT. PER MFT (LBS)	PART #
GENERAL PURPOSE – CL2 LISTED							
RG59/U	20 BC	95% BC	78	18	0.242	36	5001
RISER RATED – CL2R, FT4 LISTED							
RG59/U	20 BC	95% BC	78	18	0.232	38	5301
PLENUM RATED – CL2P, FT6 LISTED							
RG59/U	20 BC	95% BC	82	16	0.200	39	5351
WATER RESISTANT							
RG59/U	20 BC	95% BC	82	18	0.248	36	5103 c

CCTV COAXIAL – 75 OHM MINI

STYLE	AWG	SHIELD	NOM. VP	NOM. CAP. (PF/FT)	NOM. O.D. (IN)	AVG. WT. PER MFT (LBS)	PART #
GENERAL PURPOSE – CL2 LISTED							
75 OHM MINI	24 BC	95% BC	78	18	0.145	15	5020

C Reels only

CCTV Coaxial + Power Cables

Construction:

	Non-Plenum	Plenum	Water Resistant
Coax Conductors	Solid Bare Copper		
Power Wires	18/2 Stranded Bare Copper		
Shield	95% Bare Copper Braid		
Jacket	PVC	Low-Smoke PVC	PE
Colors	Black, White	Natural	Black

Mini Coax Colors: Black, Blue, Green, Red, Yellow, White



Features:

- Sunlight Resistant (Except Plenum)

Popular Packaging:

- Pull Box 500', 1000'
- Reel 500', 1000'
- Reel-in-a-Box 500'
- Consult factory for other packaging options

CCTV COAXIAL – RG6/U + POWER PAIR

STYLE	AWG	SHIELD	POWER	NOM. VP	NOM. CAP. (PF/FT)	NOM. O.D. (IN)	AVG. WT. PER MFT (LBS)	PART #
GENERAL PURPOSE – CL2 LISTED								
RG6/U + 18/2 SIAMESE	18 BC	95% BC	18/2 STR	78	18	0.450 x 0.275	35	5119

CCTV COAXIAL – RG59/U + POWER PAIR

STYLE	AWG	SHIELD	POWER	NOM. VP	NOM. CAP. (PF/FT)	NOM. O.D. (IN)	AVG. WT. PER MFT (LBS)	PART #
GENERAL PURPOSE – CL2 LISTED								
RG59/U + 18/2	20 BC	95% BC	18/2 STR	78	18	0.360 x 0.285	66	5009 CH
RG59/U + 18/2 SIAMESE	20 BC	95% BC	18/2 STR	78	18	0.421 x 0.245	60	5013 C
RG59/U + 18/2 SIAMESE	20 BC	95% CCA	18/2 STR BC	78	16.5	0.240 x 0.425		6508
PLENUM RATED – CL2P, FT6 LISTED								
RG59/U + 18/2 SIAMESE	20 BC	95% BC	18/2 STR	82	16	0.421 x 0.245	65	5355
WATER RESISTANT								
RG59/U + 18/2	20 BC	95% BC	18/2 STR	82	18	0.421 x 0.245	65	5104 C

CCTV COAXIAL – 75 OHM MINI + POWER PAIR

STYLE	AWG	SHIELD	POWER	NOM. VP	NOM. CAP. (PF/FT)	NOM. O.D. (IN)	AVG. WT. PER MFT (LBS)	PART #
GENERAL PURPOSE – CL2 LISTED								
75 OHM MINI + 20/2 SIAMESE	24 BC	95% BC	20/2 STR	78	18	0.145 x 0.278	29	5022

C Reels only
H Composite (under one jacket)

UTP + Power

Construction:

- Cat 5e UTP + 16/2 Power
- Siamese Construction

Features:

- Sunlight Resistant (Except Plenum)
- Supports Pan/Tilt/Zoom, Video, Audio, Data
- Ripcord
- Tested to 200 MHz

Product Benefits:

- Superior EMI interference rejection compared to coaxial cable
- Less expensive than dedicated coax or fiber
- Supports Pan/Tilt/Zoom capabilities
- Allows for longer distance runs
- Physically smaller than coax alternatives
- Extremely easy to install and terminate




Packaging:

- Consult factory for packaging options

UTP	POWER	NOM. O.D. (IN)	AVG. WT. PER MFT (LBS)	PART #
RISER RATED – CMR, CL2R, FT4 LISTED				
24/2pr Cat5e	16/2 STR	0.170 x 0.360	38	5281
PLENUM RATED – CMP, CL2P, FT6 LISTED				
24/2pr Cat5e	16/2 STR	0.170 x 0.360	41	5381

Refer to Networking Section for Cat 6 and Cat 5e Cables for Power over Ethernet (PoE) Devices.

Technical Data



The NEC is a highly regarded handbook resource and considered the most comprehensive document on electrical safety. The NEC was developed by a large cross section of representatives from the electrical industry (electricians, engineers, code enforcers, researchers, testers, insurers, etc.).

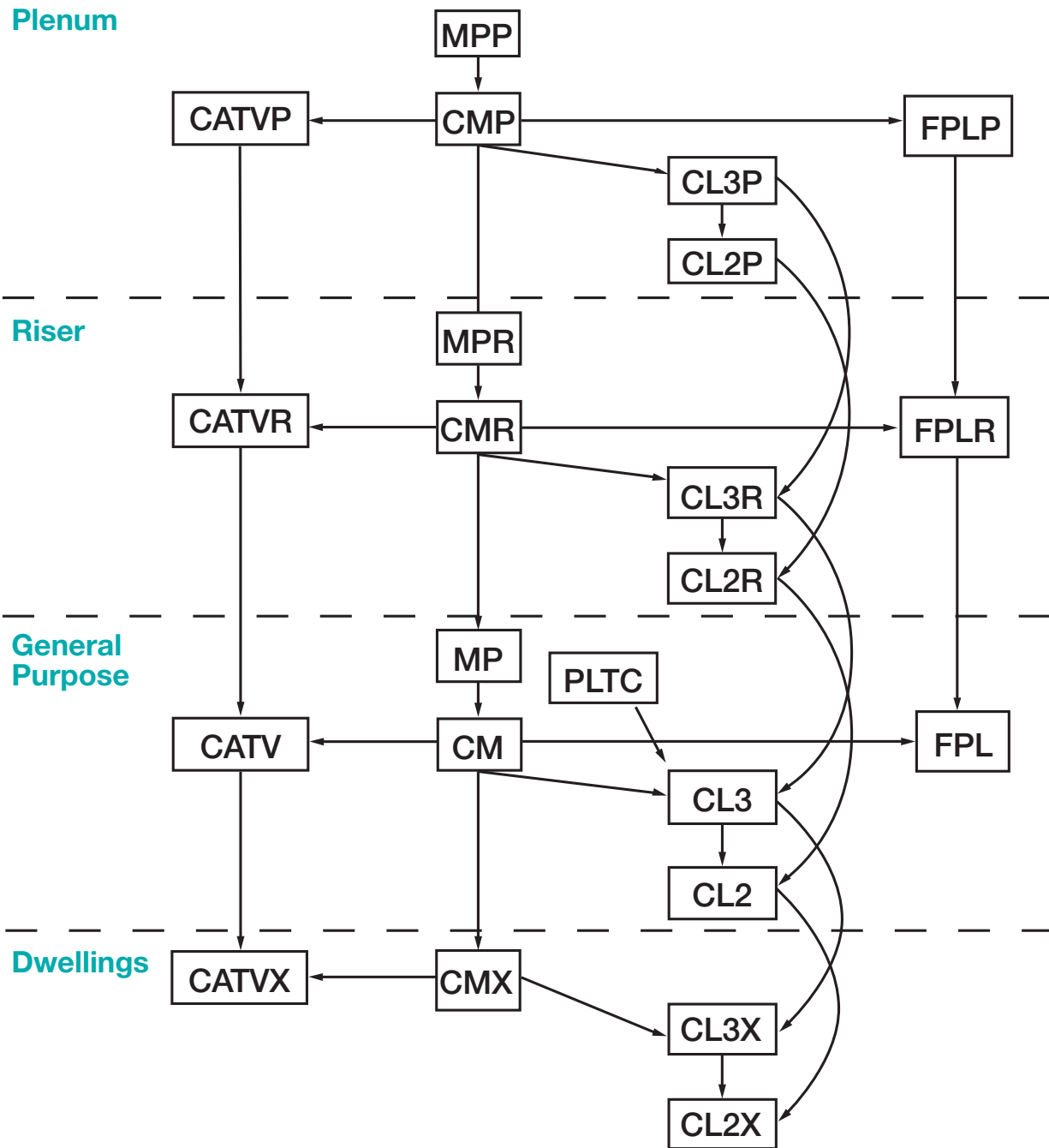
The NEC explains current code requirements and discusses pertinent code changes. Specific technical language is contained in the handbook with complete information on:

- Code Requirements and Application
- Code Intent
- Code Restrictions
- Code Interpretations

In addition, historical trends are examined, and tables and illustrations are provided. The NEC is divided into sections containing articles on specific electrical subject areas.

Community code for installations are usually based on information or requirements in the NEC. For convenience, Honeywell's Genesis catalog has identified pertinent NEC articles and scope of article for each cable group as well as provided useful information to help with ordering appropriate cable.

Cable Substitution Hierarchy



Type CM	Communications Wires and Cables
Type CL2 and CL3	Class 2 and Class 3 Remote-Control, Signaling, and Power-Limited Cables
Type FPL	Power Limited Fire Alarm Cables
Type MP	Multipurpose Cables
Type PLTC	Power-Limited Tray Cable
Type CATV	Community Antenna Television Cable

Conductor Color Code Charts

CHART 1
MULTI CONDUCTOR CABLES
(UP TO 12)

CONDUCTOR	COLOR
1	BLK
2	RED
3	WHT
4	GRN
5	BRN
6	BLU
7	ORG
8	YEL
9	PPL
10	GRY
11	PNK
12	TAN

EXCEPTION: 1103 and 2103
SOL = BLACK, RED, YELLOW, GREEN

CHART 2
MULTI CONDUCTOR CABLES
(OVER 12)

CONDUCTOR	COLOR/ STRIPES
1	BLK
2	WHT
3	RED
4	GRN
5	ORG
6	BLU
7	WHT/BLK
8	RED/BLK
9	GRN/BLK
10	ORG/BLK
11	BLU/BLK
12	BLK/WHT
13	RED/WHT
14	GRN/WHT
15	BLU/WHT

CHART 3
MULTI PAIR CABLES

PAIR #	COND 1/ COND 2
1	BLK/RED
2	BLK/WHT
3	BLK/GRN
4	BLK/BLU
5	BLK/YEL
6	BLK/BRN

CHART 4
FIRE ALARM CABLES

CONDUCTOR	COLOR
1	BLK
2	RED
3	GRN
4	YEL
5	BRN
6	BLU
7	PPL
8	PNK
9	TAN
10	ORG
11	BLK/WHT
12	RED/WHT

CHART 5
VOICE AND DATA CABLES

PAIR	COLOR/ STRIPES
1	BLU + WHT/BLU
2	ORG + WHT/ORG
3	GRN + WHT/GRN
4	BRN + WHT/BRN

CHART 6
THERMOSTAT WIRE

CONDUCTOR	COLOR
1	RED
2	WHT
3	GRN
4	BLU
5	YEL
6	BRN
7	ORG
8	BLK
9	PNK
10	GRY
11	TAN
12	PPL

KEY:

BLK	Black	BLU	Blue
WHT	White	ORG	Orange
GRN	Green	YEL	Yellow
BRN	Brown	PPL	Purple
PNK	Pink	GRY	Gray

Other exceptions are noted on specific page.

Voice and Data Cables

BASE PART NUMBERS FOR 4 PAIR CABLES

	CATEGORY 3	CATEGORY 5e	350 MHz ENHANCED CATEGORY 5e	CATEGORY 6 PLUS
General Purpose (CM)	4933			
Riser (CMR)	5033	5078		5092
Plenum (CMP)	5043	5088	5101	5102

Packaging Options: 500 feet or 1000 feet Tangle Free Speed Box or Reel-in-a-Box Wire Dispensing System

Jacket Colors: White, Yellow, Orange, Red, Green, Blue, Gray, Beige

Note: Not all products are available in all packaging options or jacket colors

ANSI/TIA/EIA-568B:

- Telecommunications Cabling Standards for: Category 3, Category 5e, 350 MHz Enhanced Category 5e and Category 6 PLUS Unshielded Twisted Pairs (UTP)
- Horizontal UTP Cable Attenuation db/100m (328 ft)
- Horizontal UTP Cable NEXT Loss, db (Worst Pair Combination) 100m (328 ft)

FREQUENCY LOSS/NEXT

Freq (MHz)	CATEGORY 3		CATEGORY 5e		350 MHz ENHANCED CATEGORY 5e		CATEGORY 6 PLUS	
	Loss	NEXT	Loss	NEXT	Loss	NEXT	Loss	NEXT
1	2.6	41	2.0	62	2.0	65	2.0	72.3
16	13.1	23	8.2	44	8.2	47	7.6	54.2
32	20.7	19	11.8	40	11.8	43	10.8	49.7
100	-	-	22.0	32	22.0	35	19.8	42.3
200	-	-	32.4	28	32.4	31	29.0	37.8
350	-	-	44.9	27*	44.9	30	39.8	34.1
500	-	-	-	-	--	--	48.9	31.8

*350 MHz Non-Plenum only

Joint Warranties: Please contact the factory at 800-222-0060 for current information

**ANSI/TIA/EIA-568A
Commercial Building Telecommunications Cabling Standard**

The following tables list attenuation and near-end crosstalk (NEXT) specifications from ANSI/TIA/EIA-568A for Category 3, Category 5 and 6 unshielded twisted pair (UTP) cables.

TABLE 1: HORIZONTAL UTP CABLE ATTENUATION DB/100 M (DB/1000 FT)

FREQUENCY (MHz)	CATEGORY 3	CATEGORY 5e	CATEGORY 6
0.772	2.2 (6.7)	1.8 (5.5)	1.8 (5.5)
1.0	2.6 (7.9)	2.0 (6.1)	2.0 (6.1)
4.0	5.6 (17.1)	4.1 (12.5)	3.8 (11.6)
8.0	8.5 (25.9)	5.8 (17.7)	5.3 (16.2)
10.0	9.7 (29.6)	6.5 (19.8)	6.0 (18.3)
16.0	13.1 (39.9)	8.2 (25.0)	7.6 (23.2)
20.0	–	9.3 (28.4)	8.5 (25.9)
25.0	–	10.4 (31.7)	9.5 (29.0)
31.25	–	11.7 (35.7)	10.7 (32.6)
62.5	–	17.0 (51.8)	15.4 (47.0)
100.0	–	22.0 (67.1)	19.8 (60.4)
200.0	–	–	29.0 (88.4)
250.0	–	–	32.8 (100.0)

TABLE 2: HORIZONTAL UTP CABLE NEXT LOSS, DB (WORST PAIR COMBINATION) 100M (328 FT)

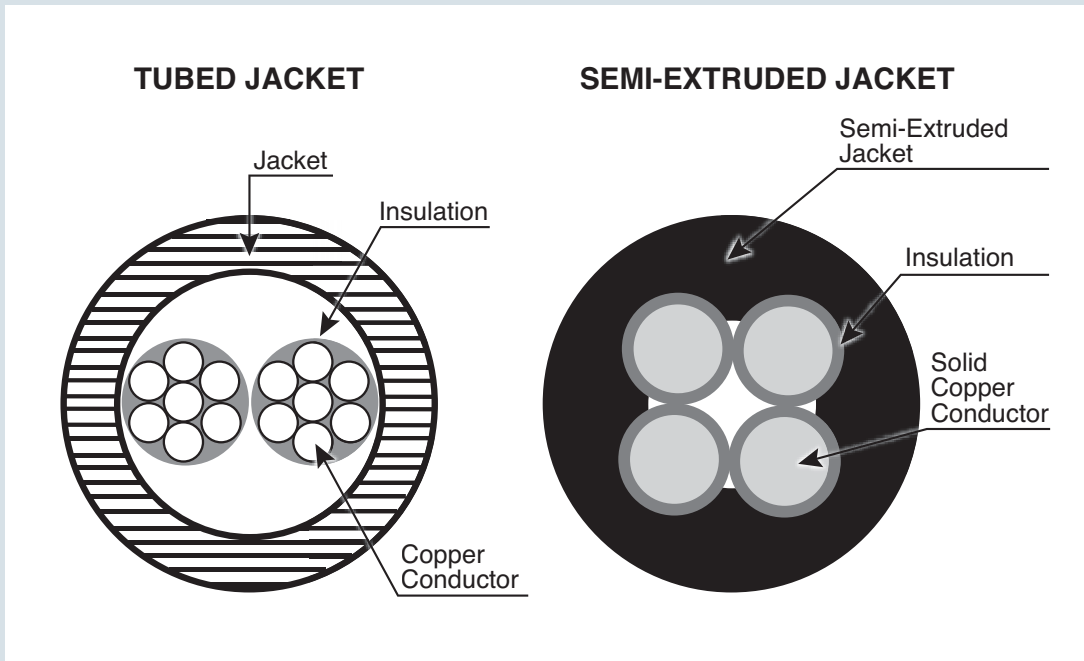
FREQUENCY (MHz)	CATEGORY 3	CATEGORY 5e	CATEGORY 6
0.772	43	67	76
1.0	41	65	74
4.0	32	56	65
8.0	27	52	61
10.0	26	50	59
16.0	23	47	56
20.0	–	45	55
25.0	–	44	53
31.25	–	42	52
62.5	–	38	47
100.0	–	35	44
200.0	–	–	40
250.0	–	–	38

Genesis Semi-Extruded Jacket

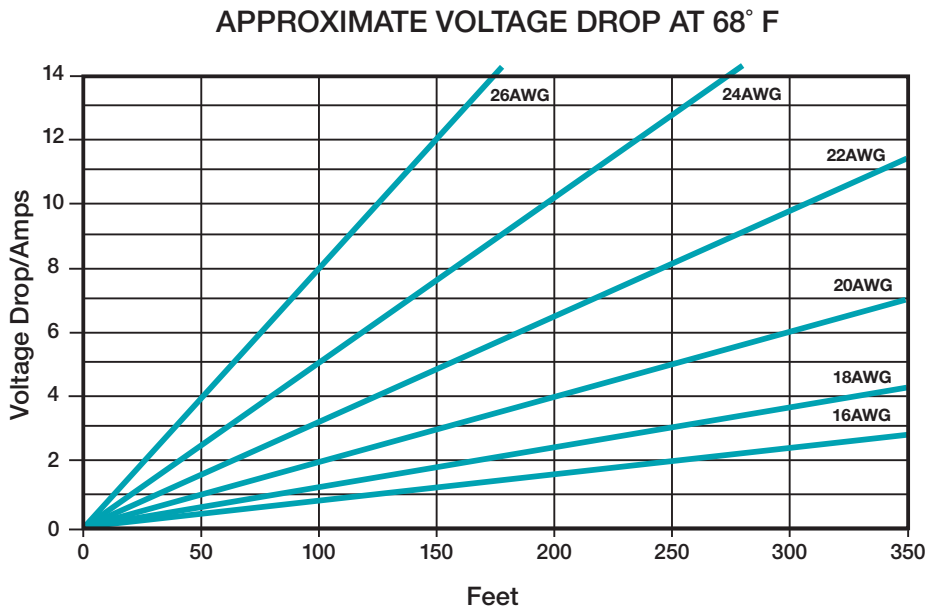
Genesis Cable Products most popular constructions have the added feature of semi-extruded rather than tubed jackets. Semi-extruded jackets “mold” the conductors in place. This prevents the movement of the conductors under the jacket. When conductors move under their jacket, they can “cross-over” themselves. This creates a convolution or “high-spot” on the outer jacket. If compressed with a staple at this point a conductor fracture or “short” may occur.

Extruded jackets fit tightly over the conductors to prevent movement. This can create slightly more resistance when removing the jacket. To assure that the jacket never bonds to the conductor, Genesis uses polypropylene insulation. Polypropylene will not bond to PVC (the jacketing material). Furthermore, polypropylene is electrically superior to PVC.

Although extruded jacket cable constructions are more expensive to produce, they pay for themselves many times over in avoiding costly labor charges due to tracing “shorts” and replacing damaged cables.



Voltage Drop and Recommended Footage Chart



Note: The chart above shows the approximate values for the AC resistive component of the circuit impedance.

Example: What is the voltage drop for a 18 AWG 2/C carrying 3 amps over a distance of 100 feet?

$$\begin{aligned}
 \text{Voltage-drop} &= \text{voltage-drop/amp} \times \text{amp} \\
 &= 1.2 \times 3 \\
 &= 3.6 \text{ Volts}
 \end{aligned}$$

RECOMMENDED FOOTAGE/AWG AUDIO CABLE

Maximum Cable Length (ft)						
Acceptable Loss (%)	4 Ohm Speaker			8 Ohm Speaker		
	10%	20%	50%	10%	20%	50%
12 AWG	250	500	1250	500	1000	2500
14 AWG	150	300	750	300	600	1500
16 AWG	95	190	475	190	380	950

Honeywell Part Numbers, Packaging and Color Codes

All Genesis Series Cable products come with an eight digit part number:

- The first four digits represent the product
- The next two digits represent the packaging
- The last two digits represent the color code

For Example:

This is a 500' Box of Black RG6U 60% AL

- 5003 = RG6U 60% AL
- 55 = 500' Pull Out Box
- 08 = Black



PACKAGING	
PACKAGING CODE	PUT UP
01	1 x 250' Reel
03	4 x 250' Reel
10	1000' Reel
11	1000' Pull Box
18	1000' Speedbag
21	1000' Reel in-a-Box
48	4 x 500' Reel
50	500' Reel
55	500' Box
58	500' Speedbag
61	500' Reel in-a-Box

COLORS	
COLOR CODE	COLOR
01	White
02	Yellow
03	Orange
04	Red
05	Green
06	Blue
07	Brown
08	Black
09	Gray
10	Purple
11	Pink
12	Natural
13	Beige

General Information

CCTV TRANSMISSION DISTANCES	
STYLE	TYPICAL RUN LENGTH
RG6/U	Up to 1500 ft
RG59/U BC Braid	Up to 750 ft
RG59/U CCA Braid	Up to 600 ft
75 Ohm Mini Coax	Up to 375 ft

PULLING TENSIONS

Under the stress of approximately 15,000 lbs/sq. in. annealed copper will begin to permanently stretch. The table below lists the absolute maximum recommended pulling tensions for conductor sizes. For multiple conductor cable, multiply the appropriate value by the total number of conductors. These pulling tensions must be equally distributed among the conductors.

THESE LIMITS MUST NEVER BE EXCEEDED EVEN MOMENTARILY. DO NOT JERK THE CABLE. The electronic characteristics of a cable may change due to excessive tension and crushing.

PULLING TENSIONS		
GAUGE (AWG)	MAX. PULLING TENSION (LBS)	RECOMMENDED PULLING TENSION (75% OF MAX.) (LBS)
24	4	3.0
22	7	5.25
20	12	9.0
18	19	14.25
16	30	22.5
14	48	36.0
12	77	57.75

Conduit Capacity Chart

CONDUIT TRADE SIZE (IN)	0.5	0.75	1	1.25	1.5	2	2.5	3	3.5	4
I.D. (IN)	0.622	0.824	1.049	1.38	1.61	2.067	2.731	3.356	3.834	4.334
INTERNAL AREA (IN)*	0.304	0.533	0.864	1.495	2.035	3.354	5.855	8.841	11.539	14.745
40% FILL (IN)*	0.121	0.213	0.346	0.598	0.814	1.342	2.342	3.536	4.616	5.898

CABLE O.D. (IN)	CABLE AREA (IN)*	NUMBERS LISTED BELOW ARE BASED ON 40% FILL RATE FOR THREE OR MORE CABLES									
0.100	0.008	15	27	44	76	104	171	298	450	588	751
0.125	0.012	10	17	28	49	66	109	191	288	376	481
0.150	0.018	7	12	20	34	46	76	133	200	261	334
0.175	0.024	5	9	14	25	34	56	97	147	192	245
0.200	0.031	4	7	11	19	26	43	75	113	147	188
0.225	0.040	3	5	9	15	20	34	59	89	116	148
0.250	0.049	2	4	7	12	17	27	48	72	94	120
0.275	0.059	2	4	6	10	14	23	39	60	78	99
0.300	0.071	2	3	5	8	12	19	33	50	65	83
0.325	0.083	1	3	4	7	10	16	28	43	56	71
0.350	0.096	1	2	4	6	8	14	24	37	48	61
0.375	0.110	1	2	3	5	7	12	21	32	42	53
0.400	0.126	1	2	3	5	6	11	19	28	37	47
0.425	0.142	1	2	2	4	6	9	17	25	33	42
0.450	0.159	1	1	2	4	5	8	15	22	29	37
0.475	0.177	1	1	2	3	5	8	13	20	26	33
0.500	0.196	1	1	2	3	4	7	12	18	24	30
0.525	0.216	1	1	2	3	4	6	11	16	21	27
0.550	0.237	1	1	1	3	3	6	10	15	19	25
0.575	0.260	0	1	1	2	3	5	9	14	18	23
0.600	0.283	0	1	1	2	3	5	8	13	16	21
0.625	0.307	0	1	1	2	3	4	8	12	15	19
0.650	0.332	0	1	1	2	2	4	7	11	14	18
0.675	0.358	0	1	1	2	2	4	7	10	13	16
0.700	0.385	0	1	1	2	2	3	6	9	12	15
0.725	0.413	0	1	1	1	2	3	6	9	11	14
0.750	0.442	0	0	1	1	2	3	5	8	10	13
0.775	0.471	0	0	1	1	2	3	5	7	10	13
0.800	0.502	0	0	1	1	2	3	5	7	9	12
0.825	0.534	0	0	1	1	2	3	4	7	9	11
0.850	0.567	0	0	1	1	1	2	4	6	8	10
0.875	0.601	0	0	1	1	1	2	4	6	8	10
0.900	0.636	0	0	1	1	1	2	4	6	7	9
0.925	0.672	0	0	1	1	1	2	3	5	7	9
0.950	0.708	0	0	0	1	1	2	3	5	7	8
0.975	0.746	0	0	0	1	1	2	3	5	6	8
1.000	0.785	0	0	0	1	1	2	3	5	6	8
1.025	0.825	0	0	0	1	1	2	3	4	6	7
1.050	0.865	0	0	0	1	1	2	3	4	5	7
1.075	0.907	0	0	0	1	1	1	3	4	5	7

* Use as a guide when attempting to estimate conduit fill. Consult the NEC for specific information regarding conduit fill.

Glossary of Abbreviations

AI	Aluminum
BC	Bare Copper
CATV	Community Antenna Television
CCA	Copper Covered Aluminum / Copper Clad Aluminum
CCS	Copper Covered Steel / Copper Clad Steel
CCTV	Closed Circuit Television
EMI	Eletromagnetic Interference
FEP	Fluorinated Ethylene Propylene
HDTV	High Definition Television
LLDPE	Linear Low-Density Polyethylene
LSPVC	Low-Smoke Polyvinyl Chloride
MATV	Master Antenna Television
OFBC	Oxygen-Free Bare Copper
PE	Polyethylene
PP	Polypropylene
PVC	Polyvinyl Chloride
RFI	Radio Frequency Interference
SRPVC	Semi-Rigid Polyvinyl Chloride
TC	Tinned Copper
TPE	Thermoplastic Elastomer
UTP	Unshielded Twisted Pair

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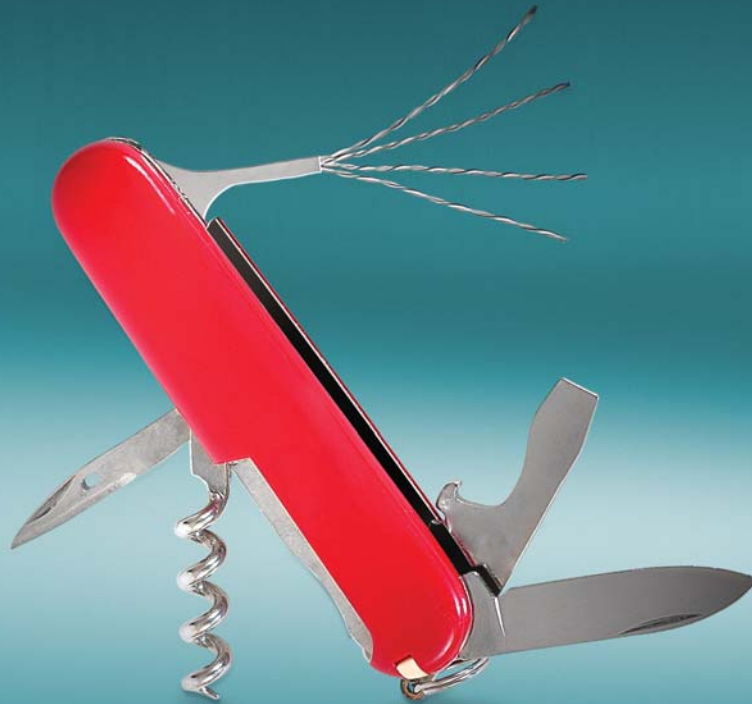
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