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DATAComm/NETWORKS



LanTEK® II Series Cable Certifier

LanTEK® II offers the best speed, performance and price available today. Nine second Cat 5E and 14 second Cat 6 tests with full performance data plus 10 Gigabit Alien Crosstalk testing, more than 4x faster than other systems making LanTEK® II the ultimate copper certification platform. The patented universal adapter system lets you certify most cabling with off-the-shelf patch cords saving time and money by eliminating the need for proprietary permanent link adapters.

The optional FiberTEK® FDX modules provide the world's only dual wavelength, bi-directional fiber certification available. That's more than 3x faster than existing testers. Three models provide the needed performance without the added expense; choose from 350 MHz/Cat 6, 500 MHz/Cat 6A or 1000 MHz/Cat7A all with accuracy independently verified by ETL.

LanTEK® II also offers ultimate versatility with options for certification of TERA, GG45 and EC7 category 7/7A systems, plus M12 industrial Ethernet and coaxial test adapters.

- Best price/performance options - models ranging from 350 MHz to 1000 MHz
- Most internal memory available - store over 1700 Category 6/ISO E tests with graphs
- Extraordinary fast fiber testing with FiberTEK® FDX - the first dual wavelength, bidirectional fiber certification tool
- Large, ultra-bright display - 4.3 in. wide screen display with white LED backlighting provides easy viewing of high-frequency data plots
- 350 MHz & 500 MHz models are fully upgradable to 1000 MHz
- Smart lithium-ion battery technology - 18 hour battery life with self calibrating "fuel gauge" for accurate capacity readings



More Ways to Save

Save time and money in more ways than ever with LanTEK® II.

Universal Link Testing

The patented testing process eliminates the need for costly permanent link adapters. Using universal test adapters for Category 5E through 6A certification, patch cords are typically the only item that needs to be replaced when worn or damaged. This eliminates the wait and expense of proprietary adapters meaning more time spent testing and less time searching for replacement parts.

Channel and Permanent Link Testing with One Adapter

LanTEK® II allows permanent link and channel certification without changing adapters. The patented DualMODE™ function allows cabling to be certified to two different standards with one press of the Autotest button; half the time of any other certifier.

Certify cabling to both Category 6 permanent link and Category 6 channel link standards at the same time, satisfying requirements from cabling manufacturers and end users without costing more time in the field. Or certify cabling to existing current standards and proposed future standards which eliminates retesting at a later date.

Most Memory Capacity

LanTEK® II has 7x the storage capacity as competitive certifiers. Save an astonishing 1700 Category 6 results with graphs. If the memory fills, simply off-load the data to a USB flash drive for portability and archiving.

Cut the Power Cord

The smart lithium battery technology provides 18 hours of use in the field. The revolutionary battery technology has two charging modes that offer the best flexibility available. Slow charge the battery overnight while it is inside the LanTEK® II, or remove the battery and plug in to its dedicated charging port for a quick five hour charge. Plus, the battery's internal fuel gauge automatically self-adjusts every time the pack is completely discharged and recharged, providing accurate charge readings over the life of the battery pack.



FIBERTEK® FDX

- The only solution that completely eliminates the need to swap fibers or modules, allowing complete one-step certification of horizontal and backbone cabling.
- More than 2x as fast as any other fiber certification tester
- Complies to TIA/ISO/IEC certification standards
- Real-time power meter to aid in troubleshooting active equipment



LanTEK® Series Cable Certifier Specifications

LanTEK® II			
Handset Dimensions	Height/Width/Depth: 10 in. x 5 in. x 2.1 in. (25.4cm/12.7cm/5.3cm)		
Handset weight w/battery	Display: 2.4lbs/1.1kg; Remote: 2.3lbs/1.0kg		
Battery	Lithium ion, 7.4VDC, 6.6AH; Input: 12V/2A DC; Typical operating time: 18 hours (new battery running a Cat6 test every 2.5 minutes, full backlight); Charge time: 4 hours quick charge with battery removed from handset, 6 hours inside handset.		
Input power	Handset: DC 12-15V, 2A; Line/mains power: AC 110-240V, 50/60Hz		
Display	4.3" wide screen TFT, 480 x 272 pixel, 95 x 54mm viewable area		
Connectivity	Adapter port: 168 pin ultra low crosstalk, mini-USB device port, USB host port (display handset only), four pin serial port (service use only), 1/8" talkset jack, power/charging jack		
Frequency range	LanTEK II-350: 1-350MHz, LanTEK II-500: 1-500MHz, LanTEK II-1000: 1-1000MHz		
Memory	Non-volatile flash, storage capacity for 1700 TIA-Cat 6 tests with graphs. Tests can be copied to USB flash drive, up to 64GB.		
Measurements	Wire map, DC loop resistance length, capacitance, NEXT, insertion loss (formerly attenuation), ACR-N (formerly ACR), return loss, average impedance, propagation delay, delay skew, power sum NEXT, power sum ACR-N (formerly power sum ACR), ACR-F (formerly ELFEXT), power sum ACR-F (formerly power sum ELFEXT), alien crosstalk (with optional AXT testing kit)		
Length measurement	0-2000 ft.; 1 ft. resolution, +/- (3% + 3 ft.), distance to short/open reported		
Supported cable types	TIA/EIA Category 3, 4, 5, 5E, 6 and 6A: 100Ω; ISO/IEC Class C, D, E, EA, F, FA: 100Ω Cat 6/6A Class E/EA RJ-45 permanent link adapters: shielded and un-shielded cable, universal adapters provide channel, permanent link and basic link measurements.		
Supported connectors	Additional adapters: GG45, ARJ45, TERA, EC7 (MMCPRO3000), Coax 50-75Ω (BNC connector), M12 industrial		
Tone generator	Integrated into display and remote handset, compatible with standard analog inductive probes, selectable tone (high/low/warble) 500/600 Hz, selectable pin output.		
Environmental	0°C to 50°C non-condensing Operating Temperature, -20°C to 70°C, non-condensing Storage Temperature, Vibration - MIL-PRF-28800 F, Class 3		
Accuracy	Baseline: Certified by ETL to meet IEC 61935 Level III/IIIe/IV; Channel/Permanent link: TIA 568-B.2-2 and IEC 61935 Level III/IIIe/IV		
Warranty	One (1) Year from date of purchase; Batteries and accessories are warranted 90 days from date of purchase ((LanTEK II and FiberTEK FDX)		
PC Software	Requirements: Microsoft Windows® XP or Vista, (32/64 bit) 512MB RAM, 500MB hard disk + 1GB for every 1,500 Category 6 tests		
FiberTEK FDX			
Compatibility	LanTEK® II (any model)		
Connector	User changeable adapter (SC, FC, ST), 2.5mm ferrule		
Laser safety	Multi-mode 850 VCSEL: class 3, 5mW max; multi-mode 1300 laser: class 3, 5mW max; Single mode 1310 & 1550: class: 3, 5mW max		
Power meter accuracy	± .25dB from 0dBm to -40dBm 850-1550nm; system dynamic range 40dB		
Length accuracy	±3%; maximum distance measurement 3000m		
Display resolution	Power/attenuation: 0.1dB, length: 0.1m/0.1ft		
Contents: Two FiberTEK FDX modules, lockable semi-rigid carrying case, SC, FC, ST adapters for modules (2 ea.), SC-SC patch cords (MM kits: 3x 62.5µm, 3x 50µm; SM kits: 3x 9µm SMF) compliant to ISO/IEC 14763-3 standard, quick reference guide, and electronic operation manual.			
Cat. No.	Description	Cat. No.	LanTEK® II – Add-on Options
33-993	LanTEK® II-1000: TIA/EIA Cat7A, ISO Class F/F _a certifier w/Cat6A adapters	33-990-FA01	Multimode (850/1300nm) kit with LED light sources for standard multi-mode fiber
33-992	LanTEK® II-500: TIA/EIA Cat6A, ISO Class E _a certifier w/Cat6A adapters	33-990-FA02	Multimode (850/1300nm) kit with VCSEL/laser light sources for laser optimized fiber
33-991	LanTEK® II-350: TIA/EIA Cat6, ISO Class E certifier w/Cat6 adapters	33-990-FA03	Single mode (1310/1550nm) kit with laser light sources for single mode fiber
33-993-FA01	LanTEK® II-1000 with MM LED FiberTEK FDX Kit	33-990-FA04	Combination MM/SM kit with LED MM sources and laser SM sources (33-990-FA01 & 33-990-FA03)
33-993-FA02	LanTEK® II-1000 with MM VCSEL/Laser FiberTEK FDX Kit	33-990-FA05	Combination MM/SM kit with VCSEL/laser MM sources and laser SM sources (33-990-FA02 & 33-990-FA03)
33-993-FA03	LanTEK® II-1000 with SM Laser FiberTEK FDX Kit	FDX2-CP-3	Three year Care Plan for FiberTEK FDX, 3 year warranty + annual calibration for FA04 or FA05 kits
33-993-FA04	LanTEK® II-1000 with MM LED & SM Laser FiberTEK FDX Kit	FDX-CP-3	Three year Care Plan for FiberTEK FDX, 3 year warranty + annual calibration for FA01-FA03 kits
33-993-FA05	LanTEK® II-1000 with MM VCSEL & SM Laser FiberTEK FDX Kit	LT2-CP-3	Three year Care Plan for LanTEK® II, 3 year warranty + annual calibration and accessory replacement
		LANTEK10GBKIT	Alien Crosstalk Testing Kit for 10GbE Certification. Compatible with 33-992 and 33-993.
Contents: LanTEK® II display and remote handset, two smart lithium ion batteries, two 110-240V power adapters with US/EU/UK plugs, lockable semi-rigid carrying case, Cat6A F/FTP patch cords, USB cable, DataCENTER data management and reporting software, two headsets, hanging straps and ETL accuracy certificate.			



10 Gigabit Alien Crosstalk Testing Kit

Perform a standard 6-around-1 cable test with PS ANEXT and PS AACR-F results for both ends of the cable in as little as 5-1/2 minutes compared to over 20 minutes for some competitive models.

- Add Alien Crosstalk testing capability to any LANTEK® 6A or 7G and LanTEK® II
- Perform PS Alien NEXT and Attenuation to Alien Crosstalk Ratio measurements
- Unique Dual-port AXT adapter allows PSANEXT testing with just one handset for quick initial site testing
- Dual-handset mode allows complete AXT certification 4 times faster than other AXT test systems
- No PC required in the field - all test results calculated on-the-fly for instant pass/fail indication
- Kit includes 2 Dual-port AXT adapters, 12 AXT terminators, shielded patch cords, manual, firmware update and PC reporting software



Description	Cat. No.
Alien Crosstalk Testing Kit for LANTEK®	LANTEK10GBKIT

SIGNALTEK™ Gigabit Ethernet Certifier & SIGNALTEK™-FO Multimedia Ethernet Certifier

SIGNALTEK™ provides a technically innovative method to test and document performance of voice, data, video and VoIP applications for cabling installers and network technicians. It tests the link's ability to support applications by transmitting Ethernet packets on the wire and measuring the link performance according to IEEE 802.3ab Gigabit Ethernet standard. By monitoring transmitted and received data packets, it can report the BERT (Bit Error Rate Test) for the link.

SIGNALTEK™-FO is the first active ethernet certifier that offers both copper and fiber optic testing; and SIGNALTEK™-FO does it for less than the price of an Optical Test Set alone.

- Simulate real world network traffic with full-duplex gigabit performance testing
- User selectable 10/100/1000 Bit Error Rate Testing (BERT) to ensure performance for all Ethernet devices. Decibel (dB) loss measurements of optical lines.
- Smart autotest function detects line condition and automatically chooses appropriate test to run to allow testing cable that is terminated with a SIGNALTEK remote, a network device or unterminated
- Save time using the remote to perform 10/100 or gigabit service detection AND initiate an Autotest when main unit is connected
- Maximum flexibility with two USB ports. Connect to a computer to upload test results, connect directly to a printer, or connect a USB memory drive for unlimited storage
- Get maximum coverage with a full two-year warranty
- Configure multiple target IP addresses for pinging several network devices to ensure communications with servers, printers, IP cameras, home automation controls, etc.
- Offers network interrogation tools such as link establishment, port LED blink and ping
- TDR to accurately measure length and locate shorts and opens
- ARP test discovers active network devices
- Exceeds 100m measurement distance required by IEEE 802.3ab gigabit Ethernet
- Dual Wavelength Capability - available in both 850nm and 1300nm wavelengths to support virtually all LAN and campus fiber applications.



Description	Cat. No.
SIGNALTEK™-FO w/850 Modules	33-981
SIGNALTEK™-FO w/13X0 Modules	33-982
SIGNALTEK™-FO w/850 & 13X0 Modules	33-983
SIGNALTEK™-FO w/o Modules (Fiber-Ready)	33-987
SIGNALTEK™ Kit - Copper Only	33-974
Universal 120-240V Power Adapter	4010-00-0136
RJ-45 to 8 Head Alligator Clip	K-7920
Pair of 850nm SFP Modules	SFP-850
Pair of 13X0nm SFP Modules	SFP-13X0
Replacement Cable Accessory Kit - contains all original cables in SIGNALTEK™ Kit	1219-91-0003



#33-974 - SIGNALTEK™ Kit - Copper Only



#33-983 - SIGNALTEK™-FO w/850 & 13X0 Modules

LanXPLOER PRO



With full In-Line and Endpoint test capabilities, LanXPLOER PRO tests not only copper cables but also active LAN connections over copper and fiber links. In addition, it liberates the user from cables by allowing most tests to be conducted through a wireless connection offering unparalleled flexibility. With such comprehensive test capability and ease of use, LanXPLOER PRO is the perfect tool to meet the needs of professional IT installers and systems administrators in any enterprise, campus or industrial Ethernet environment.

- Network connectivity and diagnostics for 10/100/1000Mb Ethernet
- Options for dual copper ports for in-line testing, fiber optic SFP port and Wi-Fi
- Network mapping to all devices on the network and group into categories
- Save and recall Network Maps to identify changes in the network such a new or missing devices
- List top talkers to identify the source of network slowness
- Power over Ethernet (PoE) testing with load simulation to fully test PoE power supply equipment and in-line testing to measure power consumption of PoE devices
- Full wire map testing with TDR to located cabling faults
- Displays total, average, peak network bandwidth, error generation and packet size distribution
- Monitoring of VoIP calls and quality including RTP Jitter



Features

	LanXPLOER	LanXPLOER Plus	LanXPLOER Pro
Display	Color, 3.5" QVGA	Color, 3.5" QVGA	Color, 3.5" QVGA Touchscreen
Test interfaces	1 x RJ45	1 x RJ45, Wi-Fi	2 x RJ45, Wi-Fi, 1 x SFP
Wiremap with length	✓	✓	✓
PoE and PoE+ tests	✓	✓	✓
Wi-Fi		✓	✓
SFP fiber interface			✓
Network detection	✓	✓	✓
Network device mapping	✓	✓	✓
Traffic/Top Ten/Error counting	✓	✓	✓
PC diagnosis			✓
In-line tests			✓
VoIP testing			✓
Test storage	✓	✓	✓
VLAN / 802.1x support	✓	✓	
Loopback mode			✓

Ordering Information

Description	Cat. No.
LanXPLOER Tester Soft carrying case, 2 x RJ-45 STP patch cords, 1 smart remote, 6 AAA batteries, printed quick reference guide, manual on CD	33-940B
LanXPLOER PLUS Premium Kit Includes tester, soft carrying case, 2 x RJ-45 STP patch cords, 1 smart remote, printed quick reference guide, manual on CD, rechargeable battery pack, AC power supply, inductive cable tracing probe	33-941P
LanXPLOER PRO Premium Kit Includes tester, soft carrying case, 2 x RJ-45 STP patch cords, 1 smart remote, printed quick reference guide, manual on CD, rechargeable battery pack, AC power supply, inductive cable tracing probe	33-942P
Battery Pack - rechargeable	33-940-BP
Remote #1	33-940-R1
Remote Kit #2 - #12	33-940-R12
RJ-45 Inserts with removal tool	33-940-RJ45
Power Supply/Battery Charger	33-940-PS

SecuriTEST™ PRO CCTV/Security Tester

SecuriTEST™ PRO is the most versatile all-in-one installation and troubleshooting tool for the CCTV professional. CCTV installers often need to carry a variety of testing tools to complete their work. SecuriTEST™ PRO combines the most-needed tools in one easy-to-carry package. Since all connections (video/communications/DMM) attach to a single unit, SecuriTEST™ PRO eliminates the need to juggle several devices while on a ladder or lift, making working conditions safer and increasing productivity.

Features of SecuriTEST™ PRO

- IRE video level and sync tests
- Sound level test through integrated speaker and on screen level indicator
- High capacity lithium ion battery
- Support for additional PTZ protocols
- Carrying case included
- **Seven Essential CCTV Tools** - Combines a CCTV video tester, PTZ camera controller, Digital Multimeter, UTP cable tester, video test pattern generator, PTZ protocol analyzer and camera programmer in a single compact package.
- **Save Time & Money** - Test, aim, focus and program cameras when working alone. Save time by not having to walk back to the control center to verify functionality of each camera.
- **Compact Design** - Combines all the most needed security tools in a lightweight easy-to-carry unit. Sharp, bright 2.5 in. (6.3 cm) color LCD screen with on-screen displays for PTZ control/diagnostics and DMM readouts.
- **PTZ Protocol Analyzer** - Compatible with 20+ PTZ protocols to test and program cameras in the field. Decodes and identifies output from PTZ console to aid in troubleshooting.



Testers



Description	Cat. No.
SecuriTEST™ PRO CCTV/Security Tester only	33-892

VDV Pro Cable Tester

The VDV PRO Cable Tester is an easy-to-use cable testing and verification device that can quickly test all wiring requirements found throughout today's residential and commercial environments.

- Voice – tests 3-pair USOC and 6-position RJ-11/12 jacks for voice cable testing
- Data – tests wire map of shielded and unshielded cable to T568A/B standard
- Video – tests coax cable for opens, shorts and length with F-Connector interface
- Larger backlit LCD screen for better test results readability
- Network link LED blink for visual cable tracing
- Voice testing capability detects RJ-11 (1, 2, or 3 pair)
- Voice test also shows Normal or Reverse for pins 1 through 6
- Length measurement is shown during initial test results for convenience and time savings
- Eight remotes have RJ-45, RJ-11 and Coax F-jacks for increased testing capabilities
- Tests for shield continuity, shorts, opens, miswires, reversals and split pairs with remote connected
- Full dot-matrix LCD display for user convenience to read display results
- One-ended testing for shorts, opens and split pairs (no remote needed)
- Test results displayed in wire map format with message line for shorts and split pairs



Description	Cat. No.
VDV PRO w/one remote and terminator	33-770
VDV PRO w/eight remotes and terminators	33-771
VDV Pro (33-770) w/one remote and Amplifier Probe (62-164)	33-780

Description	Cat. No.
VDV PRO Eight Remote Replacement Kit (ID 1-8)	33-774
Eight Coax Terminator Kit	33-775

IENet™ Pro Cable Tester for RJ-45 and M-12 Industrial Ethernet Cable Testing

The IENet™ PRO tester makes it a snap to quickly verify wiring integrity and assure proper terminations for diverse types of industrial cabling and provides automatic pin conversion between M-12 and RJ-45 connections.

- Simple selection between Voice, 2 and 4 pair Data, and Coax testing functions. Voice and Video/Security tests via optional adapters
- Tests for opens, shorts, miswires, reversals, split pair (user selectable) and length
- Indicates correct wiremap to T568A/B standards for shielded and unshielded cabling
- Easy-to-read LCD display with “PASS” or “Miswire” indicator for each test
- Identifies presence of voltages on cables
- Tone generator supports four different tones making fault isolation easier
- Network LED blink for visual cable tracing
- Numerical indication for UTP “No Shield” and STP - “Shield” to comply with industrial ethernet PROFINET® requirements

PROFINET® is a registered trademark of PROFIBUS International.



Testers

Ordering Information

Description	Cat. No.
IENet™ PRO w/single remote	33-772
IENet™ Pro w/eight remotes	33-773
Eight Coax Terminator Kit	33-775
IENet™ Pro Eight Remote Kit (ID 1-8)	33-776

Accessories

Description	Cat. No.
 RJ-45 to RJ-11 jack adapter (2/card)	LA-4233
 RJ-45 to F-Connector adapter (2/card)	LA-4234
 F to BNC Adapter Kit	LA-4173

Test-Tone-Trace Kit

- Kit includes the VDV (33-856) and Amplifier Probe (62-164)
- Tests and traces coax, twisted pair and telephone cables



Description	Cat. No.
Test-Tone-Trace Kit	33-866

PRO Amplifier Probe and Tone Generator



Amplifier Probe

- Identifies and traces wire or cables within a group
- Battery low indicator

Tone Generator

- Emits three different types of tones
- Auto-off after three hours of non-use
- F-Connector port for toning & tracing coaxial CATV cabling systems
- Tone can be added in any status

Description	Cat. No.
Amplifier Probe & Tone Generator Kit - includes 62-164, 62-160, Lead Set, Cable Assembly	33-864
Amplifier Probe	62-164
Tone Generator	62-160

TRACETone™ Tone Generator & Amplifier Probe

- Test continuity and locate signal of installed wire and cable
- Two selectable tone styles
- Tone Generator & Amplifier Probe fit together for easy storage
- Adjustable volume control
- RJ-11 Alligator Clip, RJ-11 Cable Assembly included



Description	Cat. No.
TRACETone™ Tester	62-140

VDV MultiMedia Cable Tester

Easy-to-use tester for installers working with voice, data and video applications. One tester for all applications!

- **Voice** – supports 3-pair USOC and 6-position RJ-11/12 jacks for telephone cable testing
- **Data** – supports both shielded and unshielded cable testing to T568A/B (RJ-45)
- **Video** – tests coax cable for opens and shorts with F-connector interface
- Tests for opens, shorts, miswires, reversals and split pairs. Also indicates correct wiremap. Has automatic shut off (to prolong battery life) and low battery indicator.
- Easy-to-read LCD display with “PASS or ERROR” indicator after each test
- Tone generator supports four different tones making fault isolation easier
- One remote wiremap and testing unit is stored inside tester – easier to keep all parts together
- Uniquely designed remote accommodates RJ-11, RJ-45 and F-style connectors



Description	Cat. No.
Kit with integrated remote and accessories	33-856

LinkMaster™ Tester

Tests wiring configurations on UTP/STP cables. Checks for shorts, miswires, reversals and split pairs. Debug feature, automatic shut-off and low battery LED indication.

- Designed to test installed twisted pair wiring
- Tests unshielded and shielded modular plugs
- Main unit and remote allow one person testing



Description	Cat. No.
LinkMaster™ Tester and Remote	62-200

OmniSeal™ Pro Compression Tools

The IDEAL OmniSeal™ Compression Tools now offer additional features and increased connector compatibility in a smaller, more compact tool designed to meet the demands of the professional installer. (OmniSeal™ requires no accessory attachment to terminate IDEAL branded compression connectors.) Most other manufacturers compression connectors can be terminated with an easy plunger depth adjustment. The simple intuitive design combined with its size and universal connector acceptance makes this the only compression tool needed by professional installers.

- Factory preset to work with IDEAL compression connectors
- Compresses F-type, RCA, BNC and Mini connectors
- Adjustable to fit other manufacturer's connectors – no accessory adapters required

**OmniSeal™ Pro
30-603**



**OmniSeal™ Pro XL
30-793**

Description	Cat. No.
OmniSeal™ Pro XL Compression Tool	30-793
OmniSeal™ Pro Compression Tool	30-603

	BNC	F-Type	RG-11	RCA	Mini Coax
OmniSeal™ Pro XL 30-793	✓	✓	✓	✓	✓
OmniSeal™ Pro 30-603	✓ with adjustment	✓	✓	✓	✓



F-Compression Tool

- Easily compresses series 6 and 59 coax compression F-connectors
- Permanent connection – never comes loose
- Works with most brands of compression connectors

Description	Cat. No.
Economy Compression Tool	30-633
Economy Compression Tool Kit - Includes four RG-6 Connectors	33-633



Compression Connectors



RTQ™ Reg/Tri/Quad & Plenum F-Connectors

- Fits 60% regular, tri-shield and quad shield cables
- Nickel-plated, brass-construction for superior corrosion resistance
- Designed for use by satellite and cable TV companies
- Weatherproof for indoor and outdoor use
- Use 30-603, 30-793 or 30-633 Compression Tools

RG-11 F-Connectors

- Fits 60% regular RG-11 cable
- Nickel-plated, brass-construction for superior corrosion resistance
- Designed for use by satellite and cable TV companies
- Weatherproof for indoor and outdoor use
- Use 30-603 or 30-793 Compression Tools
- Use 45-111, 1/4" x 1/4" RG-11 Coax Stripper



BNC Connectors

- Nickel-plated, brass-construction for superior corrosion resistance
- Moisture-inhibiting design
- Use 30-793 Compression Tool
- 75 Ohm nominal impedance
- Gold-plated pin contact area
- Available in plenum versions

OmniCONN™ F-Connectors

- Non corrosive nickel plated brass body and polycarbonate bushing
- Delrin/Nylon adapter sleeve and o-ring provide double protection for a watertight seal
- Free spinning hex nut for ease of installation onto all 7/16 ports
- 75 ohm nominal impedance
- Two-piece pre-assembled connectors



RCA Connectors

- Constructed of nickel plated brass and gold plated head
- 75 ohm nominal impedance
- Bandwidth up to 3 GHz
- Compatible with 30-603 and 30-793 Compression Tools

Compression Connectors

	Connector Type	Cable Type	Qty.	Cat. No.
	F	RG-6 Reg/Tri/Quad	Card of 4	92-654
			Card of 10	92-651
			Jar of 50	92-650
			Jar of 100	92-656
			Box of 1,000 (20 bags of 50 ea.)	92-759
			Box of 1,000 bulk	92-659
	F	RG-6 Plenum	Jar of 50	92-660
			Box of 1,000	92-669
	F	RG-59 Reg/Tri/Quad	Jar of 50	92-610
			Box of 1,000	92-619
	F	RG-11	Card of 10	89-211
			Box of 500	89-1211
	F	RG-6	Jar of 50	89-044
			Box of 1,500	89-1544
	F	Quad	Jar of 50	89-045
			Box of 1,500	89-1545
	BNC	RG-6	Card of 4	92-705
			Card of 15	89-048
			Jar of 35	89-5048
			Box of 1,000 (10 bags, 100 ea.)	89-1048
	BNC	RG-6 Plenum	Card of 15	89-050
			Jar of 35	89-5050
			Box of 1,000 (10 bags, 100 ea.)	89-1050
	BNC	RG-59	Card of 4	92-704
			Card of 15	89-047
			Jar of 35	89-5047
			Box of 1,000 (10 bags, 100 ea.)	89-1047
	BNC	RG-59 Plenum	Card of 15	89-049
			Jar of 35	89-5049
			Box of 1,000 (10 bags, 100 ea.)	89-1049
	RCA*	RG-6	Card of 4	92-582
			Card of 10	89-582
			Jar of 35	89-580
	RCA*	RG-59	Card of 4	92-572
			Card of 10	89-572
			Jar of 35	89-570
	RCA	Mini (21 - 23 AWG)	Card of 10	89-014SMRCA

*RCA Connectors include an assortment of color ID bands.

Compression Port Seals - 1/2 in.

- Used with compression F-connectors to weatherproof connector by placing onto the female port. Made from EPDM for superior sealing.



Description	Qty.	Cat. No.
Long Sleeve Compression F-Connector Port Seals, 1/2 in.	Bag of 100	89-127

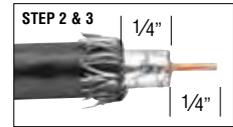
Compression Connector Instructions

Compression F-Connector

1. Use IDEAL Data T[®]-Cutter (45-074) to cut cable to desired length.
2. Use IDEAL Coax Stripper (45-603 or 45-526) to strip coax to proper dimensions.
 - Proper strip length settings will leave 1/4" of center conductor exposed and 1/4" of braiding (shield) exposed.
 - After stripping, make sure tip of center conductor is straight and not bent. Straighten conductor if necessary.
3. Fold back outer layer of braiding (shield) against cable jacket. Keep braid strands as straight and as close to jacket as possible.
 - Note: For Quad Shield cables (with 4 layers: outer braid, outer foil, inner braid, inner foil), first fold back outer braiding. Use 45-074 to score and remove exposed 1/4" of outer foil. Remove outer foil, and fold back inner braiding.



4. Push F connector on to prepared cable until white center dielectric is flush with bottom of the nut of the F connector.
5. Insert connector/cable assembly into the OmniSeal[™] Pro XL compression tool, squeeze handle completely to compress fitting. Remove completed cable assembly.

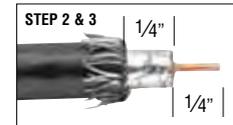


Compression RG-11 F-Connector

1. Use IDEAL Data T[®]-Cutter (45-074) to cut cable to desired length.
2. Use IDEAL Coax Stripper (45-111) to strip RG-11 coax to proper dimensions.
 - Proper strip length settings will leave 1/4" (minimum) of center conductor exposed and 1/4" of braiding (shield) exposed.
 - After stripping, make sure tip of center conductor is straight and not bent. Straighten conductor if necessary. Conductor must be straight to make proper contact with pin contact inside of connector.
3. Fold back outer layer of braiding (shield) against cable jacket. Keep braid strands as straight and as close to jacket as possible.
 - Note: For Quad Shield cables (with 4 layers: outer braid, outer foil, inner braid, inner foil), first fold back outer braiding. Use 45-074 to score and remove exposed 1/4" of outer foil. Remove outer foil, and fold back inner braiding.

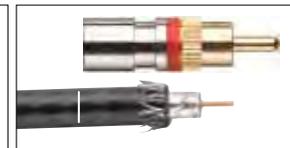
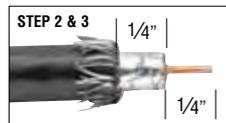


4. Measure and mark cable insertion length. Align tip of center conductor with bottom of hex nut fitting of connector. Mark or lightly score cable jacket near base of connector. Connector should be within 1/8" of this mark after it is pushed on to cable. If it is more than 1/8" away from mark, continue rocking and guiding connector on to cable. Approximately 1-1/4" of cable length should be inserted into connector prior to compressing the connector.
5. Insert the connector/cable assembly into OmniSeal[™] Pro XL compression tool (adjust plunger setting if necessary), squeeze handle completely to compress fitting. Remove completed cable assembly.

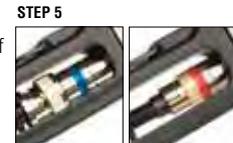


Compression BNC/RCA Connectors

1. Use IDEAL Data T[®]-Cutter (45-074) to cut cable to desired length.
2. Use an IDEAL coax stripper (45-603 or 45-526) to strip coax to proper dimensions.
 - Proper strip length settings will leave 1/4" (minimum) of center conductor exposed and 1/4" of braiding (shield) exposed.
 - After stripping, make sure tip of center conductor is straight and not bent. Straighten conductor if necessary. Conductor must be straight to make proper contact with pin contact inside of connector.
3. Fold back outer layer of braiding (shield) against cable jacket. Keep braid strands as straight and as close to jacket as possible.
 - Note: For Quad Shield cables (with 4 layers: outer braid, outer foil, inner braid, inner foil), first fold back outer braiding. Use 45-074 to score and remove exposed 1/4" of outer foil. Remove outer foil, and fold back inner braiding.



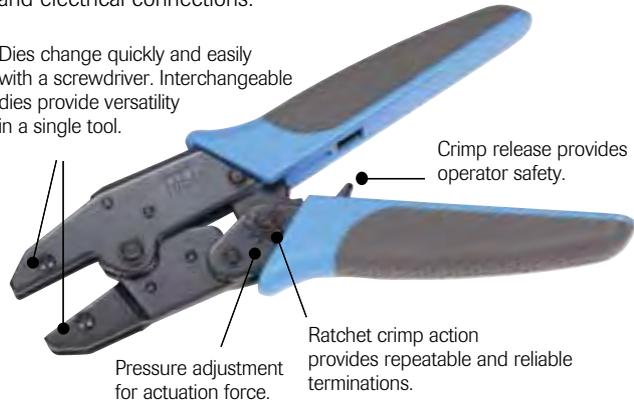
4. Measure and mark cable insertion length. For BNC's, align tip of center conductor with top of the nut fitting. For RCA's, align tip of center conductor with top of retention collar. Mark or lightly score cable jacket near base of connector. Connector should be within 1/8" of this mark after it is pushed on to cable. If it is more than 1/8" away from the mark, continue rocking and guiding connector on to cable. Approximately 1-1/4" of cable length should be inserted into the connector prior to compressing connector for BNC. Approximately 1-1/8" of cable length should be inserted into connector prior to compressing connector for the RCA.
5. Insert connector/cable assembly into OmniSeal[™] Pro XL compression tool, squeeze handle completely to compress fitting. Remove completed cable assembly.



Crimpmaster™ Crimp Tools & Die Sets

High quality ratchet-type crimp tool for electricians, contractors and installers who require guaranteed repeatability of good mechanical and electrical connections.

Dies change quickly and easily with a screwdriver. Interchangeable dies provide versatility in a single tool.



30-556

RJ-11 Crimp Tool for two, four or six-position modular plugs
Tool w/die N/A



30-559

RJ-45 Eight-position Crimp Tool for keyed or non-keyed modular plugs
Tool w/die 30-522



30-560

RJ-45 Eight-position Crimp Tool for AMP RJ-45 modular plugs
Tool w/die 30-521



30-570

RG-6, RG-174, Belden-Type RG-8281 cables (Hex. 0.324 (8.23mm), 0.178 (4.52mm), 0.068 (1.73mm))
Tool w/die N/A



30-573

Cambridge CP-88, CP-89 BNC/TNC coax connectors with RG-58, RG-59/RG-62 AU cables (Hex 0.305 (7.75mm), 0.068 (1.73mm), 0.228 (5.79mm))
Tool w/die 30-481



30-576

RG-174, Mini 59 BNC/TNC Connectors (Hex. 0.178 (4.52mm), 0.128 (3.25mm), 0.068 (1.73mm))
Tool w/die 30-485



30-577

N-Series and RG-8/11 Connectors (Hex. 0.429 (10.90mm), 0.100 (2.54mm), 0.080 (2.03mm))
Tool w/die 30-482



30-578

RG-59, RG-6, and 8281 50 and 75 OHM cables (Hex. 0.324 (8.23mm), 0.255 (6.48mm), 0.068 (1.73mm), 0.042 (1.07mm))
Tool w/die 30-483

30-581

RG-58, RG-59/62, BNC/TNC Coax Connectors (Hex. 0.255 (6.48mm), 0.213 (5.41mm), 0.068 (1.73mm))
Tool w/die 30-502

30-582

F-type CATV RG-59, RG-6 Connectors (Hex. 0.350 (8.89mm), 0.320 (8.13mm), 0.255 (6.48mm))
Tool w/die 30-503

30-587

RG-58, RG-174 and G-8218 for both 50 and 75 ohm cables (Hex 0.213 (5.41mm), 0.178 (4.52mm), 0.068 (1.73mm), 0.042 (1.07mm))
Tool w/die N/A

30-591

Plenum and Non-Plenum Thinwire Cables RG-58 and 59 (Hex. 0.213 (5.41mm), 0.190 (4.83mm), 0.068 (1.73mm), 0.042 (1.07mm))
Tool w/die N/A

30-593

Mini UHF and BNC/TNC 5 cavity (Hex. 0.052 (1.32mm), 0.068 (1.73mm), 0.100 (2.54mm), 0.213 (5.41mm), 0.255 (6.48mm))
Tool w/die N/A

Description

Crimpmaster™ Crimp Frame Tool

Cat. No.

30-506

Also available in these kits:

33-400



33-917



30-572

16-26 AWG (.131mm² - .128mm²) miniature insulated rings, spade and butt splices
Tool w/die N/A



30-579

22-10 AWG (.324mm² - 5.261mm²) insulated terminals/color coded nests
Tool w/die 30-500



30-580

22-8 AWG (.3mm² - 8mm²) non-insulated terminals
Tool w/die N/A



30-586

22-12 AWG (.324mm² - 3.31mm²) Non Insulated Open Barrel Connectors, Commercial Type
Tool w/die N/A



30-594

Fully Insulated quick disconnect terminals with thinner wire barrels 22-10 AWG (.324mm² - 5.261mm²)
Tool w/die N/A



30-599

30-18 AWG (.205mm² - 2.08mm²) Open Barrel Pins and Sockets
Tool w/die N/A



30-479 (Tool w/die)

For insulated terminals, 22-10 AWG with built-in locator

Crimp Tools/Die Sets

F-Type Coaxial Connectors

F-Series Connectors utilize threaded couplings and cable conductors as contacts for CATV and other UHF applications.

- Available in the three most popular styles, RG-6/6Q/59
- All brass design
- One-piece body design
- Crimp with the Crimpmaster™ 30-503 Crimp Tool

	Connector Type	Cable Type	Termination Type	Qty.	Cat. No.
	F	RG-6	Crimp	Card of 4	84-017
				Card of 10	85-037
				Card of 50	85-017
				Box of 100	86-017
	F	RG-6 Quad	Crimp	Card of 4	84-030
				Card of 10	85-057
				Card of 50	85-030
				Box of 100	86-030
	F	RG-59	Crimp	Card of 4	84-016
				Card of 10	85-036
				Card of 50	85-016

Push-On F-Connectors, RG-6 & RG-59

- No terminator tool required
- All brass nickel-plated construction
- Knurled nut for superior grip
- Designed for indoor use



Connector Type	Cable Type	Qty.	Cat. No.
F	RG-6	Card of 4	85-065
		Jar of 50	89-165
		Box of 1,500	85-1165
F	RG-6 Quad	Card of 4	85-066
		Jar of 50	85-166
		Box of 1,500	85-1166
F	RG-59	Card of 4	85-067
		Jar of 50	85-167
RCA	RG-6	Card of 10	89-500
Description			Cat. No.
Coax Connector Kit w/Economy Coax Stripper and four RG-6 Push-on Connectors			33-320

Twist-On F-Connectors, RG-6 & RG-59

- After cable is stripped, simply twist on connector
- No termination tool required
- Available in two styles, RG-6 and 59



Connector Type	Cable Type	Qty.	Cat. No.
F	RG-6	Card of 10	85-053
		Card of 50	85-039
		Box of 100	86-039
F	RG-59	Card of 4	84-018
		Card of 10	85-035

Coax Strip and Crimp Tool

- Precision, form-ground stripping holes remove outer jacket and insulation from RG-59 and RG-6 coaxial cable
- Durable blades cut copper-coated steel conductors
- Three crimping nests for crimping F-connectors and ring terminals
- Cushioned, comfort-grip handles



(Kit includes ten connectors)

Connector Installation Tools

- Works on compression and hex connectors
- New comfort grip handle aids in installing and removing connectors on coax cable



Description	Cat. No.
F & BNC Coax Connector Tool - 8 in.	35-046
F & BNC Coax Connector Tool - 12 in.	35-042
F & BNC Coax Connector Tool - 16 in.	35-043

Description	Cat. No.
Coax Strip & Crimp Tool	30-433
Coax Strip & Crimp Tool Kit w/ten RG-6 F-Connectors	30-433F

F-Type Adapters & Terminators

- Nickel-plated brass construction
- For 75Ω applications

	Description	Qty.	Cat. No.
	1GHz Female-to-Female F-Type Coaxial Adapter	Card of 10	85-031
	3GHz F-Splice Adapter, high bandwidth, 0MHz to 3GHz for standard and high definition applications, <0.25dB insertion loss, >25dB return loss	Card of 4	85-339
	Female to RCA Male Adapter – converts female F-connectors to male RCA connectors	Card of 2	85-936
	Coax Cable F-Terminators - for all open ports on coax wall plates and splitters	Card of 10	85-038
	90° F-Adapter - F-female to F-male coax adapter	Card of 2	85-070

BNC Connectors

- Connector construction covers both plenum and non-plenum cable jackets
- Captive gold center contacts provide maximum conductivity and minimal resistance
- Nickel plating resists corrosion, tarnish and ensures signal quality
- Meets military specifications. MS39012 and MIL202 where applicable.
- Available in both small and bulk quantities to suit a range of application requirements

	Connector Type	Cable Type	Center Conductor	Jacket	Connector Impedance	Insulation	Qty.	Cat. No.
	BNC Plug	RG-59	20 AWG Solid	Non-Plenum	75 Ohm	Delrin	Bag of 5	85-502
				Plenum			Box of 100	86-502
							Bag of 5	85-512
	BNC Plug	RG-6	18 AWG Solid	Non-Plenum	75 Ohm	Delrin	Bag of 5	85-545
	BNC Adapter	—	Jack to Jack	—	50 Ohm	Delrin	Bag of 5	85-590
	BNC Twist-on Plug	RG-59	22-23 AWG Solid	Non-Plenum	50 Ohm	Delrin	Bag of 5	85-480
	F to BNC Adapter Kit							LA-4173

4-Way Indent Crimp Tools

Crimps solid barrel contacts for RS232 interface connectors. Features four-way indent dies (per MS22520 specifications), full cycle ratchet, built-in pin and socket locator and comfort-grip handles.



35-465

- High-grade steel construction for outstanding performance

Description	Cat. No.
20-26 AWG (.519 mm2 - .128 mm2) RS232 D-sub Round Barrel Contacts, Pins or Sockets	35-465
Trompeter BNC Connector Center Pins	35-468

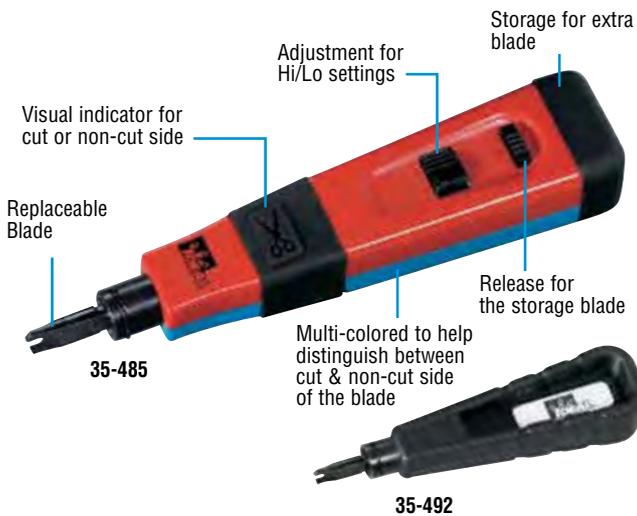
D-Sub/Double-D Service Tool

- Exact replacement of the AMP open-barrel service tool for stamped contacts and D-Sub contacts
- Also crimps Double-D, high density, miniature contacts
- Includes openings for crimping insulated terminals and cutters for machine screws



Description	Cat. No.
D-Sub/Double-D Service Tool	30-426

Punch Down Tools



Impact Turn-Lock™ Punch Down Tools	Cat. No.
Punchmaster™ II Punch Down Tool - body only	35-483
Punchmaster™ II Punch Down Tool w/110 blade	35-485
Punchmaster™ II Punch Down Tool w/66 blade	35-487
Non-Impact Turn-Lock™ Punch Down Tools	Cat. No.
Punch Down Tool w/110 blade	35-492
Economy Punch Down Tool	Cat. No.
Non-impact Tool w/permanent non-cut blade	35-185



Removable Blades*	Cat. No.
110 Turn-Lock™ blade	35-495
66 Turn-Lock™ blade	35-497
110/66 combo blade w/cutting edges	35-407
Krone® blade	35-478
Bix® blade	35-479

*Not applicable for Economy Punch Down tool.
Bix® is a registered trademark of Nortel. Krone® is a registered trademark of Krone, Inc.

Also available in these kits:

33-505

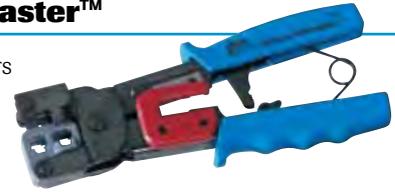


33-706



Ratchet Telemaster™

- For paired conductors
- Ratchet version of popular Telemaster™ Tool for RJ-45 and RJ-11 modular plugs
- Repeatable crimp action for consistent, high quality connections



Description	Cat. No.
Ratchet Telemaster™	30-696
Replacement Cut & Strip Blade Set for 30-696	LA-4102

Telemaster™ Telephone Tools

- For paired conductors
- Multi-function telephone tool cuts, strips and crimps for easy one-tool application
- Steel frame for long-term durability. (Crimps primary modular plug strain relief only)



Description	Kit Cat. No.	Tool Only Cat. No.
Tool for RJ-11 (1, 2, 3 pair) and RJ-45 (4 pair) Plugs	33-700*	30-496
Tool for RJ-22 (handset) and RJ-11 (1, 2, 3 pair)	N/A	30-499
Replacement Cut and Strip Blade Set for Telemaster™	N/A	LB-1747

*Kit includes 10 each, RJ-45 8P8C, RJ-11 6P6C and RJ-11 6P4C modular plugs.

Modular Plug Tool Kit

- Multi-function telephone/network tool; cuts, strips and crimps
- Steel frame construction for durability
- Interchangeable dies allow for crimping RJ-45 and RJ-11 modular plugs
- Tool-less die change for added convenience
- Spring return handle for comfort



Description	Cat. No.
Modular Plug Tool Kit - includes ten each RJ-11, 6P4C Telephone Plugs & RJ-45, CAT 5e Data Plugs, RJ-11 & RJ-45 Die Sets	33-296

Kinetic Super™ Wire Stripper/Crimper

- Cuts and strips 22 to 24 AWG
- Crimps IDC Connectors

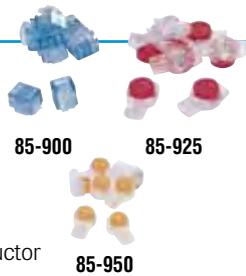


Description	Cat. No.
Kinetic Super™ Wire Stripper/Crimper	45-719
Kinetic Super™ Wire Stripper/Crimper Kit – includes 25 IDC connectors (UR-I, 3-Wire Butt Splice)	33-719

Insulation Displacement Connectors (IDC)

IDC connectors create fast splice and tap connections on solid copper wires. Designed for low voltage telecommunication cables.

- Moisture-resistant sealant protects wires from corrosion
- Use with solid copper single-conductor wire
- Kinetic Super™ Wire Stripper/Crimper easily cuts and strips 22 to 24 AWG solid wire



Description	Qty.	Cat. No.
UR-I, 3-Wire Butt Splice IDC	25	85-925
UR-I, 2-Wire Butt Splice IDC	100	86-925
UR-I, 3-Wire Butt Splice IDC	1,000	87-925
IDC Combo Pack	25	85-960
UY-I, 2-Wire Butt Splice IDC	25	85-950
UB-I, 2-Wire Tap Splice IDC	25	85-900

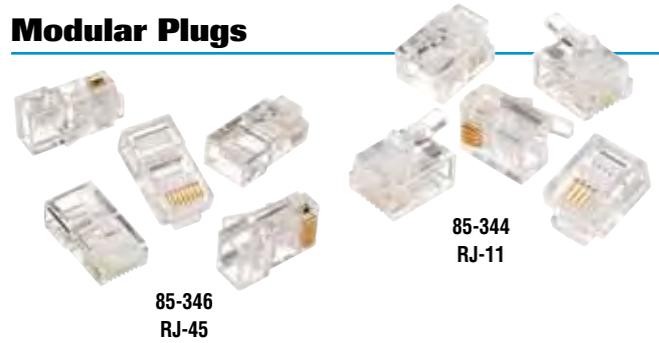
Strain Relief Boots for Modular Plugs

- Prevents broken connector tabs and snagging while extending connector life
- Minimizes cable bends that can reduce data speed and result in data loss
- Dampens cable movement and vibrations that can result in premature connector failure



Description	Qty.	Cat. No.
Strain Relief Boots for Modular Plugs	25	85-380

Modular Plugs



- Plugs are capable of supporting the latest EIA/TIA cable system performance categories when installed in compliance with appropriate EIA/TIA standards and methods
- All plugs work with 24 AWG solid or stranded conductors and round or flat cables.

Description	Qty.	Cat. No.
8-Position 8-Contact, RJ-45	25	85-346
	50	85-396
	100	86-396
	250	85-1396
6-Position 6-Contact, RJ-11	25	85-345
	100	86-395
6-Position 4-Contact, RJ-11	25	85-344
	50	85-394
	100	86-394

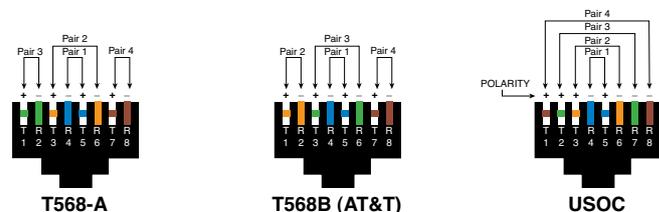
CAT 6 RJ-45 Modular Plugs

- Unique three-piece design provides easy installation and optimal performance
- Crimps with a standard RJ-45 crimp die
- 50 micron gold contacts, 8-position, 8-contact
- Suitable for solid or stranded conductors – 22 – 23 AWG



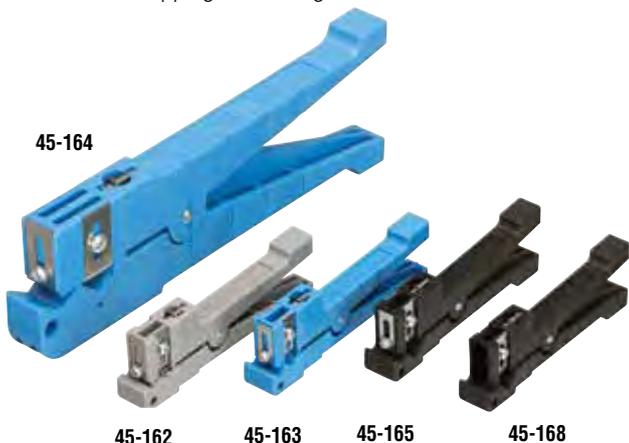
Description	Qty.	Cat. No.
CAT 6 RJ-45 Modular Plugs	25	85-366

Wiring Configurations for Modular Plugs



UTP/STP/Coaxial Cable Strippers

- Adjustable blades can be set for any depth to help ensure nick-free stripping and slitting of cables



Description	Typical RG Cables	Cat. No.
Coaxial Cable Stripper, up to 1/8 in. (3.2mm) O.D.	RG-174, RG-187	45-162 (Gray)
Coaxial Cable Stripper, 1/8 in. (3.2mm) to 7/32 in. (5.556mm) O.D.	Mini Coax RG-58,CB	45-163 (Blue)
Coaxial Cable Stripper, 1/4 in. (6.4mm) to 9/16 in. (14.3mm) O.D.	RG-11, RG-8	45-164 (Blue)
Cable Stripper, 3/16 in. (4.8mm) to 5/16 in. (8mm) O.D.	RG-59/6, UTP Cable	45-165 (Black)
UTP/STP Ringer Stripper, one blade	UTP/STP	45-168 (Black)
Replacement Blade Set* for 45-162, 45-163, 45-165	—	L-9225
Replacement Blade Set* for 45-164	—	L-9226

*A set of blades consists of three straight blades and one round blade.

UTP Cable Stripper

- Strips Cat 3, 5, 5e & 6 cables
- One-step stripping



Description	Cat. No.
UTP Cable Stripper	45-167

Cyclops® Data Cable Stripper

- Fast, easy removal of outer sheath insulations (PVC and Plenum types, UTP & STP)



Description	Cat. No.
Data Cable Stripper for unshielded and shielded twisted pair cable	45-514

CAT 5e Cable

- Customizable cable
- CAT 5e solid 4-pair, CMR rated, 24 AWG, 350 MHz cable



Description	Cat. No.
CAT 5e Cable - 100 ft.	85-780

In-Wall Speaker Wire

- Customizable cable
- In-wall rated 16 AWG speaker wire



Description	Cat. No.
In-wall 2-conductor Speaker Wire - 50 ft.	85-770
In-wall 4-conductor Speaker Wire - 100 ft.	85-771

Cable/Satellite/CCTV Coax Stripper

- Designed for fast and easy 1/4" x 1/4" strip lengths
- Blades auto-adjust to different diameter coax cables
- Spinner ring for fast stripping
- Strips RG-6/6 Quad and RG-59 coax cable



Description	Cat. No.
Video Coax Stripper	45-321

Coax Strippers

- Specific adjustments needed for each cable size



Description	Cat. No.	Replacement Cassette
Coax Stripper - 2 Step <ul style="list-style-type: none"> • For most IDEAL compression connectors and single crimp/twist-on BNC/TNC • Strips 0.250 in. or 6.35mm 	45-526	45-524 (Blue)
Coax Stripper - 3 Step <ul style="list-style-type: none"> • For crimp BNC and TNC connectors • Strips braid 0.240 in. or 6mm and 	45-520	45-522 (Black)
Coax Stripper - 3 Step <ul style="list-style-type: none"> • For dual crimp BNC/TNC and Thinnet BNC conn. • For 735A Belden® cable • Strips braid 0.328 in. or 8.2mm and dielectric 0.109 in. or 2.7mm 	45-521	45-523 (Brown)

Coax Cable Stripper

- For RG-6, RG-6 Quad and RG-59
- No adjustment required
- Strips center conductor and cable jacket



33-320

Description	Cat. No.
Coax Cable Stripper	45-320
Coax Connector Kit w/four Push-On F-Connectors	33-320

RG-11 Coax Stripper

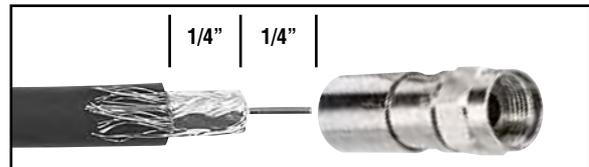
- For use with IDEAL RG-11 compression connectors (89-211, 89-1211), provides 1/4 in. x 1/4 in. strip



Description	Cat. No.
RG-11 Coax Stripper for Compression Connectors	45-111

Proper Coax Strip Procedure

1/4 in. x 1/4 in. standard strip.



- Proper strip length settings will leave 1/4" of the center conductor exposed and 1/4" of the braiding (shield) exposed.
- After stripping, make sure the tip of the center conductor is straight and not bent. Straighten the conductor if necessary.

Fold back the outer layer of braiding (shield) against the cable jacket. Keep the braid strands as straight and as close to the jacket as possible.

- Note: For Quad Shield cables (with four layers; outer braid, outer foil, inner braid, inner foil), first fold back the outer braiding. Use the 45-074 to score and remove the exposed 1/4" of outer foil. Remove outer foil and fold back inner braiding.

Multi-Strip Coax/UTP Cable Stripper

- Strips UTP, RG-59 and RG-6 coax cable
- Provides a 1/4 in. (minimum) x 1/4 in. strip on coax
- Spare cartridge compartment provided
- Push-on ring for easy connector termination



Description	Cat. No.
Coax/UTP Cable Stripper	45-603
RG-6/59 Replacement Cartridge	LB-2726
RG-7/11 Replacement Cartridge	LB-2728
UTP Replacement Cartridge	LB-2727

Coax Stripmaster® Wire Strippers

- Provides precision stripping with easy spring cushion grip
- Knife-type blades feature multiple hole diameters sized for two step removal of outer jacket insulation and center conductor



Description	Coax Cable Type (RGU)	Cat. No.	Repl. Blade Cat. No.
Coax Stripmaster® for RG-6	RG-6	45-262	LB-740
Coax Stripmaster® for RG-59	RG-59	45-265	LB-743
Coax Stripmaster® for RG-6	RG-6 Quad Shield	45-282	LA-3953
Coax Stripmaster® for RG-58	RG-58	45-264	—
Coax Stripmaster® for MediaTwist	MediaTwist	45-274	—

Round Cable Slitting and Ringing Tool

- Cuts around cable jacket as well as slits the length of jacket for easy removal
- Use with single or multiple conductor cable up to 1.75 in. O.D.
- Blade adjusts for jacket thicknesses up to .125 in.
- Spare blade in handle base



Description	Cat. No.
Round Cable Slitting and Ringing Tool	45-144
Replacement Blades for 45-144 (2/pkg.)	LB-1748

Data T®-Cutter

- Cuts round communication cable and maintains cable geometry for better cable performance
- Cuts multi-pair cable up to .500 in. (12.7mm) and coaxial cable up to RG-9/U
- Suitable for soft cables (not ACSR)
- Steel reinforced center conductors can be trimmed with bolt cutting holes
- Locking latch keeps tool closed in pouch



Description	Cat. No.
Data T®-Cutter	45-074

Lever™ Snips Electrician's Scissors with Stripping Notches

- Ergonomic design gives added leverage
- Spring-action, mechanical advantage increases stripping leverage and reduces operator fatigue
- Double plated for added rust protection
- Extra-deep serrations grip wire better



Description	Cat. No.
Electrician's Scissors with Stripping Notches	35-087

Electrician's Scissors

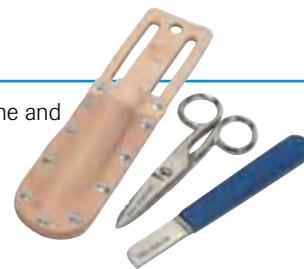
- Designed for use in telephone and electrical service applications
- Cut up to 16 AWG solid and 12 AWG stranded wire
- Serrated surface on back blade edge cleans wire
- Stripping notches strip 19 and 23 AWG wire
- Chrome over nickel plating



Description	Cat. No.
Electrician's Scissors w/stripping notches	35-088

Cable Splicing Kit

- Kit designed for use in telephone and electrical service applications
- High carbon steel blade in Splicing Knife remains sharp and cuts easily through many insulation types
- Kit includes Scissors, Splicing Knife and Leather Holder



Description	Cat. No.
Cable Splicing Kit (Scissors, Splicing Knife, Leather Holder)	35-093

Also available in these kits:

33-917



33-623



Surge Suppression Cable Splitters

Digital Surge Suppression Cable Splitters withstand a one-time surge up to 6KV on cable line

- Bandwidth: 5 MHz - 1 GHz
- Impedance: 75 ohm
- Over 130 dB of RFI Shielding
- Low 8 db Insertion Loss
- Printed Circuit Board Design
- Nickel-plated Housing
- Splits signals up to 4 outlets

Description	Cat. No.
2-Way Surge Suppression Splitter	85-135
4-Way Surge Suppression Splitter	85-137



Use terminators (85-038) on all unused ports for optimal performance.

2.4 GHz Satellite and Digital TV Splitters



- Designed for easy mounting over cable
- All ports are F female connectors, 75Ω
- Two grounding screws eliminate the need for grounding block
- All ports power pass

Description	Cat. No.
2-Way, 5MHz - 2.4GHz	85-332
3-Way, 5MHz - 2.4GHz	85-333
4-Way, 5MHz - 2.4GHz	85-334

Grounding Block

- Solid zinc alloy, nickel plated and chromate finished
- High Performance beryllium copper contact
- Electrical performance rated 0 - 3 GHz
- Dual grounding holes can accept up to #6 wire



Description	Cat. No.
3 GHz Double Grounding Block	85-311

1 GHz Splitters

- Nickel-plated housing
- High-performance impedance - balanced Printed Circuit Board design
- Bandwidth: 5MHz - 1 GHz Impedance: 75 Ohm; over 120 dB of RFI shielding; Splits signals up to 8 outlets



Description	Cat. No.
High Performance Cable Splitter, 5MHz-1GHz, 2-Way	85-132
High Performance Cable Splitter, 5MHz-1GHz, 3-Way	85-133
High Performance Cable Splitter, 5MHz-1GHz, 4-Way	85-134
Digital Cable Splitter, 8-Way	85-138

Diplexer 5 MHz - 2.1 GHz

- Combine or split cable/antenna signals with satellite signals
- Use two Diplexers per installation, one to combine and one to split
- High quality PCB design
- Nickel-plated die-cast zinc housing
- Grounding hole for up to 6 AWG wire



Description	Cat. No.
Diplexer, 2.1 GHz, SATV/TV Combiner Splitter - 2 Amp	85-323

Pro Installer Kit - 33-945

- This professional kit includes a mix of tools that are needed by anyone who does low voltage installation or maintenance.

- Kit Includes:

35-427	Large Mouth Bag – 18 in.	35-473	Probe Pic and Spudger
30-603	OmniSeal™ Compression Tool	35-485	Punchmaster™ II 110 Blade only
30-696	Ratchet Telemaster™	35-497	66 Blade only
35-046	F-Connector Tool	35-908	7-in-1 Twist-a-Nut™ Screwdriver/Nutdriver
35-087	Lever™-Snips Electrician's Scissors	35-4038	Long Nose Pliers – 8 in.
35-091	Cable Splicing Knife	45-074	Data T®-Cutter
35-205	Torpedo Level	45-165	UTP/STP Stripper
35-238	Mag-Tape™ Tape Measure	45-526	Coax Stripper - 2-Step
35-275	Jab Saw	62-160	Tone Generator
35-407	110/66 Blade	62-164	Amplifier Probe
35-430	Tongue & Groove Pliers – 10 in.		



Master Series Network Service Kit - 33-706

- Kit allows user to cut, strip, terminate and test data cables.

- Kit Includes:

30-696	Ratchet Telemaster™	33-864	PRO Amplifier Probe & Tone Generator Kit
35-485	Punchmaster™ II w/110 Blade	62-096	Smart6™ Modular Tester
35-473	Probe Pic and Spudger	45-719	Kinetic Super™ Wire Stripper/Crimper
45-165	UTP/STP Stripper	85-396	8-Position, RJ-45 Modular Plugs, qty. 50
35-093	Electrician's Scissors	35-410	Large Mouth Bag – 13 in.
35-497	66 Blade only		
62-200	LinkMaster™ Tester		
35-908	7-in-1 Twist-a-Nut™ Screwdriver		



RF Coax Crimp & Compression Kit - 33-410

- This professional kit allows user to crimp or compress coax connectors. Multiple die sets give the Crimpaster™ Crimp Tool a wide range of connectors it can terminate.

- Kit Includes:

30-793	OmniSeal™ Pro XL Compression Tool	30-581	58/59, BNC/TNC Die Set
30-503	Ratchet Crimp Tool	30-573	RG-59 Cambridge-type Die Set
45-526	2-Step Coax Stripper	30-576	RG-174, Mini-59 Die Set
45-520	3-Step Coax Stripper	92-650	RG-6 RTQ Compression F-Connector, 50/jar
45-523	45-521 Replacement Cassette	35-535	Mechanic's Bag
45-074	Data T®-Cutter		



Low Voltage Starter Kit - 33-920

- This starter kit allows user to terminate jacks and modular plugs as well as coax connectors.

- Kit Includes:

30-496	Telemaster™ Telephone Tool	35-497	66 Blade only
30-633	Economy Compression Tool	30-503	Ratchet Crimp Tool
45-321	Cable/Satellite/CCTV Coax Stripper	45-168	UTP/STP Ringer Stripper, one blade
35-492	Punch Down Tool w/110 blade	35-535	Mechanic's Bag
45-074	Data T®-Cutter		



Data/Video Kit - 33-917

- Kit includes professional tools to terminate both coax and twisted pair cables. VDV gives user the ability to test terminated cables.

Kit Includes:

30-522 Crimpmaster™ Crimp Tool for RJ-45 Modular Plugs	35-473 Probe Pic and Spudger
30-793 OmniSeal™ Pro XL Compression Tool	35-485 Punchmaster™ II Punch Down Tool w/110 Blade
33-856 VDV MultiMedia Cable Tester	35-908 Twist-a-Nut™ 7-in-1 Screwdriver
35-046 Coax Connector Tool - F & BNC	45-074 Data T®-Cutter
35-088 Electrician's Scissors w/Stripping Notch	45-165 UTP Stripper
35-407 110/66 Blade Combo Punch Down Blade	45-526 Coax Stripper w/Replaceable Cartridge
35-410 Large Mouth Bag - 13 in.	62-164 Amplifier Probe



Coax Termination Hip Kit - 33-624

- IDEAL for anyone who is installing security cameras, cable or satellite TV, or working with general coax compression installations.

Kit Includes:

30-793 OmniSeal™ Pro XL Compression Tool	45-603 Coax/UTP Cable Stripper
45-074 Data T®-Cutter	36-240 Cabinet Tip Screwdriver, 1/8 in.



Compression Connector Installation Kit - 33-623

- This basic kit includes tools to cut, strip and terminate coax cables.

Kit Includes:

45-074 Data T®-Cutter
45-320 Coax Cable Stripper
30-633 Economy Compression Tool Pouch w/belt clip



Service Compression Kit - 33-630

- This service kits includes both F and BNC connectors as well as the professional tools to cut, strip and terminate coax cables. Designed for security and cable/satellite installation.

Kit Includes:

30-793 OmniSeal™ Pro XL Compression Tool	89-048 BNC RG-59 Compression Connectors, qty. 10
45-074 Data T®-Cutter	92-650 RG-6 RTQ Compression Connectors, 50/jar
45-262 Coax Stripmaster® Wire Stripper for RG-6	92-660 RG-6 Plenum Compression Connectors, qty. 10
89-127 Compression F-Connector Port Seals, qty. 5	LA-3953 Replacement Blade for 45-262
89-047 BNC RG-6 Compression Connectors, qty. 10	



Economy Compression Kit - 33-620

- The 33-620 is a starter kit that includes the tools and connectors to cut, strip and terminate coax cables.

Kit Includes:

30-633 Economy Tool	92-610 RG-59 RTQ Compression Connectors, qty. 10
45-074 Data T®-Cutter	92-650 RG-6 RTQ Compression Connectors, qty. 30
45-526 Coax Stripper	



Technician's Service Kit - 33-505

- Kit includes tools to install twisted pair cable on blocks and data jacks.

- Kit Includes:

35-088 Electrician's Scissors w/ Stripping Notches	35-497 66 Blade Only
35-473 Probe Pic & Spudger	35-908 7-in-1 Twist-a-Nut™ Screwdriver/Nutdriver
35-485 Punchmaster™ Punch Down Tool w/110 Blade	45-165 UTP/STP Stripper
	62-205 Nylon case



RJ-45/11 Four, Six & Eight-Position Combination TelCom Termination Kit - 33-704

- This TelCom Kit is designed for the user who will terminate RJ-11 and RJ-45 twisted pair cables.

- Kit Includes:

30-496 Telemaster™ for RJ-11/RJ-45 Plugs
85-344 4-Position, RJ-11 Modular Plugs, qty. 15
85-345 6-Position, RJ-11 Modular Plugs, qty. 15
85-346 8-Position, RJ-45 Modular Plugs, qty. 15



RJ-45 Termination Kit - 33-750

- This kit is suited for the user who will cut and terminate RJ-45 Modular Plugs. The kit includes 50 modular plugs, enough to make 25 separate cables.

- Kit Includes:

30-496 Telemaster™ for RJ-11/RJ-45 Plugs
45-165 UTP/Coax Stripper
85-346 8-Position, RJ-45 Modular Plugs, qty. 50



Telemaster™ Crimp Kit - 33-700

- This kit is the Telemaster™ tool along with 30 modular plugs.

- Kit Includes:

30-496 Telemaster Tool for RJ-11 (1, 2, 3 pair) and RJ-45 Plugs
85-346 RJ-45 8P8C, qty. 10
86-395 RJ-11 6P6C, qty. 10
85-344 RJ-11 6P4C, qty. 10



PRO Network/Telco Installer Kit - 33-506

- This kit gives the user the ability to terminate modular plugs as well as data blocks or jacks.

- Kit Includes:

30-696 Ratchet Telemaster™	35-088 Electrician's Scissors w/Stripper Notches
35-485 Punchmaster™ II 110 Blade only	35-497 66 Blade only
35-473 Probe Pic and Spudger	85-396 8-Position, RJ-45 Modular Plugs, qty. 50
45-165 UTP/STP Stripper	35-535 Mechanic's Bag

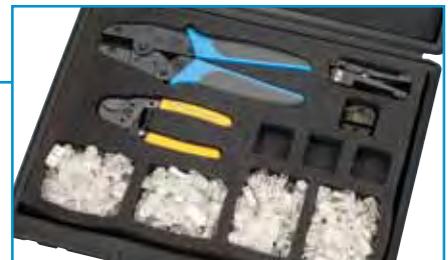


Crimpmaster™ 10Base-T RJ-45 Crimping Kit - 33-652

- This foam fitted kit includes the Crimpmaster™ Crimp Tool with an 8-position die set as well as 200 RJ-45 Modular Plugs. Kit allows user to cut, strip and terminate twisted pair cables.

- Kit Includes:

30-506 Crimpmaster™ Crimp Tool Frame only	45-074 Data T®-Cutter
30-559 8-Position Die Set for RJ-45 Plugs	45-165 UTP/Coax Stripper
	86-396 8-Position RJ-45 Plugs, qty. 200



33-960 Series - Micro OTDRs

Designed with installers in mind, 33-960 Series Micro OTDRs offer excellent performance and ease of use in a truly handheld, lightweight and rugged package. Available as either an 850/1300 nm (multimode) or 850/1300/1310/1550 nm (multimode and single mode) OTDR, they are ideally suited for the installation and troubleshooting of LAN, campus and WAN fiber networks. Both models combine high measurement precision with the user friendliness of one-button operation resulting in accurate characterization of connectors and splices in addition to fast and reliable fault location.

With the MB option, these OTDRs provide clear PASS/FAIL indications. Distance, loss and ORL for each event is reported in a trace summary table making full certification of the link possible. Each OTDR is shipped in a kit containing everything you need to get started on the job, including a ruggedized carrying case, PC software, rechargeable batteries and wall charger.



- **Short Attenuation and Event Dead Zones** – for accurate location and characterization of events
- **Autotest Function** – provides simple one-button operation
- **Fast Data Acquisition** – important for troubleshooting intermittent problems
- **Certifying OTDR Option** – for tier-2 certification
- **Optional Macro Bend detection** – accurately detects macro bends in singlemode fiber

Specifications

Testing	33-960-10	33-960-30
Wavelength [nm]	850, 1300	850, 1300, 1310, 1550
Dynamic Range [dB]	24 / 25	24 / 25 / 29 / 28
Attenuation dead zone [m]	11 / 11	11 / 11 / 11 / 12
Pulse width [ns]	10, 30, 100, 275, 1000, 2500, 10000	
Event dead zone [m]	2.5 worst case	
Launch Conditions (MM)	Class CPR 1 or 2	
Linearity [dB / dB]	± 0.03	
Loss threshold [dB]	0.05	
Loss resolution [dB]	0.01	
Sampling resolution [m]	0.16 to 5	
Sampling points	Up to 30000	
Typical real time refresh [1/sec]	4	
Distance uncertainty [m]	± (0.75 + 0.0025% x distance + sampling resolution)	
Distance range [km]	0.1 to 40	MM: 0.1 to 40 SM: 0.65 to 160
Stable source output power [dBm]	-1.5	MM: -1.5 SM -6.5
Laser Safety	21 CFR 1040.10 and IEC 60825-1:1993+A2:2001 / Class 1M	
Hardware	All Models	
Memory capacity	500 traces	
Data connectivity	USB A and USB B	
Size (HxWxD) [mm]	250 x 125 x 75 (9.8 x 4.9 x 2.9 in.)	
Weight	1 kg (2.2 lbs.)	
Temperature	Operating: -18°C to 50°C , Storage: -40°C to 70°C	
Batteries	2 x Li-Ion	
Power supply (mains)	110 – 230 V AC	
Power supply (unit)	9 - 24 V DC, 12 Watt	
Operating time	8 hours (per Bellcore™ TR-NWT-001138)	
Warranty	1 year	

Kits

33-960-10 MM OTDR Kit	33-960-30 Quad OTDR Kit
MM OTDR with 850/1300nm	Quad OTDR with 850/1300/1310/1550nm
Ruggedized carrying case	Ruggedized carrying case
PC-Software	PC-Software
CD with manual and Quick Reference Guide	CD with manual and Quick Reference Guide
Wall charger	Wall charger
2 Li-Ion rechargeable batteries	2 Li-Ion rechargeable batteries
SC Adapter	1 SC and 1 FC Adapter
33-960-10MB	OTDR Kit with Tier 2 certification option and macro bend detection
33-960-30MB	

Ordering Information

Description	Cat. No.
200x and 400x video probe w/USB port	33-960-VP
Adapter for FC connectors	33-961-10
Adapter for SC connectors	33-961-20
Adapter for ST connectors	33-961-30
Adapter for E2000 connectors	33-961-40
Adapter for DIN 47256 connectors	33-961-50
Adapter for HMS-10/AG connectors	33-961-60
Cleaning Kit	1912-00-1621
Rechargeable battery	33-960-BP
Foldable USB Keyboard	33-960-KB



FiberMASTER™ Fiber Optic Test Kit

Measure fiber optic power in milliwatts (mW) and decibel-milliwatts (dBm) to test and troubleshoot active LANs. Quickly measure cabling loss with the automatic calibration feature that stores reference power from any light source for quick dB loss calculations. Plus, the 1490nm wavelength measurement mode is perfect for troubleshooting emerging Fiber-To-The-Home cabling systems.

- **Fiber Optic Power Meter & Light Source** – Four wavelength power meter for multimode and single mode testing, and 850nm multimode LED light source.
- **Calibration Function** – Stores reference power level for quick dB loss measurements eliminating the need to manually calculate loss.
- **Save Time and Money** – Power meter features 2.5mm universal and FC adapters, light source includes ST®, SC and FC adapters to test the most common interfaces.
- **Ready for FTTx** – 1490nm measurement wavelength for use with nearly all single mode Fiber-To-The-Home applications.
- **Designed for the Field** – Unique “docking” light source and easy three-button operation make this the perfect fiber tester for use in the field.

FiberMASTER™ Kit Includes:

- 33-926 Light source, 850nm LED with ST®, SC and FC adapters
- 33-927 Power meter, 4 wavelength with universal 2.5mm and fixed FC adapter
- 2x FC-SC 62.5um multimode cables
- 1 SC calibration coupler
- Carrying case
- English, Spanish, German, French, Portuguese, Italian and Chinese user’s manual



Description	Cat. No.
850NM Fiber light source	33-926
Power meter only	33-927
Power meter with 850NM fiber light source (33-926 & 33-927)	33-928
Four wavelength MM/SM light source only	33-929
Power meter with four wavelength MM/SM light source (33-927 & 33-929)	33-931



Power Meter Specifications

Wavelength	850, 1300/1310, 1490, 1550nm
Detector	InGaAs
Measurement Range	-60 to +3dBm
Accuracy	±5%
Display Resolution	.01
Connector	Universal 2.5mm w/FC adapter
Power Supply	AAA Alkaline Battery x 3
Operating Time	360 hours
Operating Temp	-10 to +60°C
Storage Temp	-25 to +70°C

Light Source Specifications

Wavelength	850, 1300, 1310, 1550nm laser diode
Output Power	-6 to -7 dBm Typical
Stability	.05dB after 15min, 0.1dB over 8 hrs
Connector	2.5mm w/ST®, SC, FC adapters
Power Supply	AAA Alkaline Battery x 3
Operating Time	40 hours
Operating Temp	-10 to +60°C
Storage Temp	-25 to +70°C

33-929



Fiber Optic Tester



Fiber Inspection Microscope

- 100X magnification for viewing multimode connectors
- Includes 2.5mm connector "Universal Adapter" for FC, ST® and SC style connectors
- Oblique illumination provides excellent view of ferrule cleanliness and core condition
- Rugged, rubberized metal housing, precision glass optics and a built-in laser safety filter
- White LED illumination delivers 100,000 hours bulb life
- Optional 200X Conversion Eyepiece threads on for viewing finish/polish of singlemode connectors



Description	Cat. No.
Fiber Inspection Microscope w/carrying case	45-332
1.25mm Connector Adapter	45-334
MTRJ-Style Connector Adapter	45-335
200X Conversion Eyepiece for Singlemode Connectors	45-336

Note: ST® is a registered trademark of AT&T.

Visual Fault Finder

Laser light source used to locate breaks, faulty splices and crimps

- 2.5mm Universal Adapter for all ST®, SC and FC connectors
- Useful over a distance of 5km (3 miles)
- Two AA batteries provide over 30 hours of continuous use
- Slim, pocket-sized tool in rugged solid aluminum body
- Nylon carrying case with belt loop included



Description	Cat. No.
Visual Fault Finder	VFF5

Note: ST® is a registered trademark of AT&T.

Stripmaster® Ribbon Fiber Jacket Strippers

- Removes jacket from Ribbon Fiber without damage to the Kevlar® strength member of the Ribbon Fiber

Note: Frame and blade-set sold separately.



Description	Cat. No.
Stripmaster® Wire Stripper Frame only	L-5620
Blade-set for use with Corning Plenum and Riser Ribbon Fiber Cable	LB-1152
Blade-set for use with Corning "Fanout" Ribbon Cable	LB-1153

Note: Kevlar® is a registered trademark of DuPont.

MiniLite-Strip™ Optical Fiber Stripper

- Small strip notch engineered and precision-ground to strip 900 micron or 250 micron buffer coatings from 125 micron fiber
- Larger round strip notch machined to remove the 3mm outer jacket
- Strip notches pre-set and locked, no field adjustment necessary

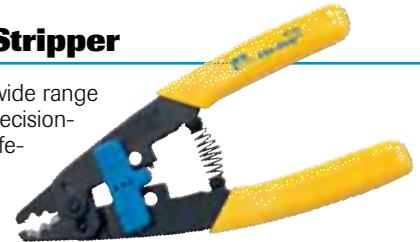


Description	Cat. No.
MiniLite-Strip™ Optical Fiber Stripper	45-352

Lite-Strip™ Optical Fiber Stripper

V-notch blades strip a wide range of outer cable jacket. Precision-ground, replaceable knife-type blades strip tight buffer tube insulations (900µm). Also strips mechanically strippable coatings from 250 microns to 900 microns.

- Replaceable precision-ground blades cleanly strip buffer coatings
- New funneled hole makes cable insertion easier
- Improved spring mounting returns handles to original position after every application
- One-step, 900 micron stripping hole provides broader stripping range
- Extra durable to withstand normal drops without requiring tool realignment
- New gauge color makes fiber and hole identification easier
- Improved comfort-grip handles for an easier, more comfortable stripping process



Description	Fiber Sizes	Cat. No.
Lite-Strip™ Optical Fiber Stripper (900µm/250µm)	125µm, 140µm	45-350

DualScribe™ Double-Ended Fiber Optic Scribes

- Three professional quality blade styles to choose from to meet your specific needs – Ruby, Sapphire, Carbide
- Color-coded handles for quick, easy identification
Red – Ruby
Blue – Sapphire
Black – Carbide
- 30° single bevel – DualScribe™ reversible blade doubles tool life
- Soft non-slip grip provides precise control during scribing
- Clear safety cap protects the blades from damage when not in use



Description	Handle Color	Cat. No.
Ruby Blade Fiber Optic Scribe	Red	45-357
Sapphire Blade Fiber Optic Scribe	Blue	45-358
Carbide Blade Fiber Optic Scribe	Black	45-359

Serrated Cutter (For Kevlar®) with Breaker Notch



- Two-Step process significantly increases the life of this rugged tool
- Superior quality high-carbon stainless steel with molybdenum and vanadium provides the super-hard edges needed to stand up to the demands of today's market
- Textured cushioned-grip handles
- Value-priced for contractors, cable assembly houses, fiber installers/technicians and tool kits

Description	Cat. No.
Serrated Cutter w/Breaker Notch (Patent pending)	45-344

Note: Kevlar® is a registered trademark of DuPont.

Split-Tip Fiber Optic Swabs

- Split-tip design cleans fiber easier and more efficiently than other methods
- Tube/handle is pre-loaded with 99% isopropyl alcohol
- A single swab can be used for many cleanings or until the alcohol is gone



Description	Qty.	Cat. No.
Split-Tip Fiber Optic Swabs	Bag of 20	45-360

Plastic Polishing Fixture

- Universal fitting accepts all ST®, SC and FC connectors with 2.5mm ferrules
- Economically priced
- Grooved face for polishing efficiency
- Precision tool used by manufacturers, contractors and in tool kits



Description	Cat. No.
Plastic Polishing Fixture	45-342

Note: ST® is a registered trademark of AT&T.

Stainless Steel Polishing Fixture for Optical Fiber ST® and SC Type Connectors

Produces polished fiber optic ST® and SC type connectors for optimum connector performance.

- Precision-machined, stainless-steel disk provides accurate polishing angle for desired end face finish
- Stainless-steel hardness maintains long life and resists uneven wear
- Stepped surface reduces drag and friction for easier polishing

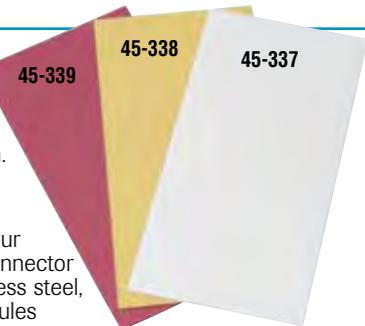


Description	Cat. No.
Polishing Fixture for Optical Fiber ST/ST® Type Connectors	45-341

Note: ST® is a registered trademark of AT&T.

Polishing Films for Fiber Optic Connectors

- For optimum connector polishing results, we recommend a three-step procedure using 0.5µm, 3µm and 12µm 3 in. x 6 in. aluminum oxide polishing films
- Lot-to-lot consistency in our films means repeatable connector finishes on ceramic, stainless steel, plastic and composite ferrules
- A single sheet will typically yield 10 to 20 connectors when using the recommended 3-step procedure



Description	Color	Qty.	Cat. No.
0.5µm, 3" x 5", Aluminum Oxide	Ivory	20 films/sleeve	45-337
3.0µm, 3" x 5", Aluminum Oxide	Lt. Yellow	20 films/sleeve	45-338
12µm, 3" x 5", Aluminum Oxide	Lt. Red	20 films/sleeve	45-339