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LANTEK® 6/6A/7G LAN Cable Certification Testers

LANTEK offers a family of high performance cable certification testers to support a full range of LAN cable testing. The LANTEK family of certification testers uses the IDEAL patented measurement system that removes the effects of ordinary patchcords, thus making channel and permanent link certification of a cable standard such as CAT6A or ISO-F possible without changing adapters. The same patented technology also makes DUALmode Testing possible so the users can get any two test results simultaneously. As a result, the LANTEK Cable Certification Testers save you money and time on the job.

- **LANTEK 7G 1GHz** is the world's first independently verified Level IV accurate LAN cable certification tester capable of testing installations up to 1 GHz, exceeding the requirements for CAT6A/7/ISO-F.
- **LANTEK 6A 500MHz** is a Level IIIe verified certification tester designed to support the NEW CAT6A Standard to certify LAN cabling to support applications up to 10G Ethernet.
- **LANTEK 6 350MHz** is a Level III verified LAN certification tester designed to support up to CAT6/ISO-E cabling.

Features of LANTEK® Products

- **High-Performance LANTEK 7G/6A/6** – sweeps to 1 GHz and supports testing requirements up to CAT 6/6A/7/ISO-F and beyond
- **Level IV/IIIe/III Accuracy** – independently verified by ETL for baseline, channel and permanent link
- **DUALmode Testing to Save Time** – reports channel and permanent link test results simultaneously
- **Test with Patchcords to Save Money** – performs CAT6A/6/5e/ISO-Ea/E/D testing with standard patchcords to achieve the lowest cost of ownership
- **Largest Internal/External Memory Capacity** – makes record management easy
- **Convenient FIBERTEK™ Accessory** – simultaneously tests two fibers for attenuation and length
- **Innovative TRACETEK™ Accessory** – performs advanced fiber fault location and troubleshooting functions







The only certifier to sweep to 1GHz

Testers

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Kits Include:

PACKAGE AND ACCESSORIES	LANTEK6B Basic	LANTEK6ABAS Basic	LANTEK6APREM Premium	LANTEK6ATRV Travel	LANTEK7GBAS Basic	LANTEK7GPREM Premium	LANTEK7GTRV Travel
Soft Carrying Case	✔	✔	–	–	✔	–	–
Deluxe Hard Shell Case	–	–	✔	–	–	✔	–
Airline Grade Travel Case with Wheels	–	–	–	✔	–	–	✔
64MB Compact-Flash Memory Card	–	–	✔	✔	–	✔	✔
Category 6 Universal Adapters & Reference Cables	✔	–	–	–	–	–	–
Category 6A Universal Adapters & Reference Cables	–	✔	✔	✔	✔	✔	✔
Batteries	2	2	4	4	2	4	4
DUAL Bay Rapid Battery Charger	–	–	✔	✔	–	✔	✔
Headsets (2), AC Adapters (2), Hanging Straps (2), Serial Cable (1), USB Cable (1), LANTEK Reporter Software (1)	✔	✔	✔	✔	✔	✔	✔

Note: Delivery content may vary outside of US. Please contact your local IDEAL sales office for details.
The airline grade Travel Case fits in most airline overhead storage compartments.

FEATURES	LANTEK6 Basic	LANTEK6A Premium	LANTEK7G Premium
Frequency Range	350 MHz	500 MHz	1 GHz
Supports CAT7 & ISO-F	Upgradeable	Upgradeable	✔
Supports CAT6A	Upgradeable	✔	✔
Support CAT6/5e/3 and ISO-E/D/C	✔	✔	✔
Accuracy Level III/IIIe (Draft)/IV (LANTEK6/6A/7G) verified by	ETL	ETL	ETL
Support DUALmode Testing to Save Time	✔	✔	✔
Test with Patchcords to Save Money	✔	✔	✔
Screen Display Area	Best	Best	Best
CAT6 Test Storage with Graphs	500	500	500
Standard External Compact Flash Memory	Option	64MB	64MB
USB/Serial Port	✔	✔	✔
Copper TDR Trace	✔	✔	✔
Fiber Loss Measurement (FIBERTEK)	Option	Option	Option
Fiber Distance to Break (TRACETEK)	Option	Option	Option
Talk over Fiber & Copper (Full Duplex)	✔	✔	✔
Display Screen on Remote	✔	✔	✔
Troubleshooting Tone Generator on Remote	✔	✔	✔
External Rapid Battery Charger & Extra Batteries	Option	✔	✔

Other Accessories	LANTEK6/6A/7G
Soft Carry Case	3010-12-0096
Deluxe Hard Carry Case	3010-12-0092
Batteries	1219-00-1604
Serial Cable	6011-50-0031
64 MB CompactFlash Card	2112-27-0605
CompactFlash Card Reader for PC	2112-27-0604
LANTEK CAT 6/5e Channel Adapters (ea.)	0012-00-0629
LANTEK CAT 6A/6/5e Channel Adapters (ea.)	0012-00-0656
LANTEK CAT 6A/6/5e Reference Patchcords (ea.)	6011-50-0029
Talkset (2)	3010-70-0015
Dual Bay Battery Charger	0012-00-0642
LANTEK CAT 7 TERA Testing Kit	1019-00-1105
LANTEK CAT 7 NEXANS Testing Kit	1019-00-1110
Coax Testing Adapter Kit	1019-00-0343
110 Block Testing Adapter Kit	1019-00-1112
BIX Block Testing Adapter Kit	1019-00-1114
66 Block Testing Adapter Kit	1019-00-1115



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FIBERTEK™ and TRACETEK™ Advanced Fiber Test Options

Features of FIBERTEK™ Products



- Measures signal loss and length
- 850nm VCSEL light source enables Gigabit Ethernet certification on Multimode fiber
- Enables bi-directional, dual wavelength measurements
- Full duplex talkset capability
- Provides easy switching of LANTEK® Cable Tester between Copper and Fiber LAN testing
- Separate loopback testing method for high precision length
- Outstanding Temperature Compensation provides highly accurate test results in a wide variety of environments

FIBERTEKMMP Multimode Fiber Testing Premium Kit

- All of the features of the FIBERTEKMMB plus TRACETEKMM (below):

FIBERTEKSMP Singlemode Fiber Testing Premium Kit

- All of the features of the FIBERTEFKSMB Plus TRACETEKSM (below):

Features of TRACETEK™ Products

- Enables LANTEK® certification testers to provide an event trace at a fraction of the price of an OTDR
- Provides easy switching of LANTEK® certification tester between FIBERTEK™ loss and length measurement and TRACETEK™
- Includes event plots that pinpoint significant losses along the fiber
- Provided with launch cable and appropriate connectors

FIBERTEK/TRACETEK PACKAGES	FIBERTEKMMB	FIBERTEKMMP	FIBERTEKSMB	FIBERTEKSMP	FIBERTEKALLB	FIBERTEKALLP	TRACETEKMM	TRACETEKSM
FIBERTEK – 850nm MM Adapter	✔	✔			✔	✔		
FIBERTEK – 1300nm MM Adapter	✔	✔			✔	✔		
FIBERTEK – 1310nm SM Adapter			✔	✔	✔	✔		
FIBERTEK – 1550nm SM Adapter			✔	✔	✔	✔		
TRACETKEK – 1300nm MM Adapter		✔				✔	✔	
TRACETKEK – 1310NM SM Adapter				✔		✔		✔
Fiber Cleaning Starter Kit	✔	✔	✔	✔	✔	✔	✔	✔
62.5/50µm, MM, ST-ST Cable Kit	✔	✔			✔	✔		
62.5/50µm, MM, FC-ST/FC-SC Cable Kit		✔				✔	✔	
9µm, SM, FC-ST Cable Kit			✔	✔	✔	✔		
9µm, SM, FC-ST/FC-SC Cable Kit				✔		✔		✔

See your IDEAL representative for additional specifications on all certification products.

Testers

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SIGNALTEK™ Gigabit 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. It uses the latest generation of Gigabit Ethernet technology to provide the best performance to this new class of testers.

Features of SIGNALTEK™

- ***Unique –*** Simulate real world network traffic with full-duplex gigabit performance testing
- ***Unique –*** User selectable 10/100/1000 Bit Error Rate Testing (BERT) to ensure performance for all Ethernet devices
- ***Unique –*** 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
- ***Unique –*** Save time using the remote to perform 10/100 or gigabit service detection AND initiate an Autotest when main unit is connected
- ***Unique –*** 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
- ***Unique –*** Get maximum coverage with a full two-year warranty
- ***Unique –*** 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 IEE 802.3ab gigabit Ethernet standard
- Easy-to-read Pass/Fail performance reports that can be stored and printed for customer documentation
- Multiple BERT configurations for VoIP, data, and video-over-IP specific testing
- Brilliant high-resolution color display visible in any lighting condition
- Uses readily available AA batteries
- Wiremap faults easily with selectable 568 A/B color coding

Description	Cat. No.
SIGNALTEK™ Kit	**33-974**
Universal 120-240V Power Adapter	**4010-00-0136**
RJ-45 to 8 Head Alligator Clip	**K-7920**
Replacement Cable Accessory Kit - contains all original cables in SIGNALTEK™ Kit	**1219-91-0003**

#33-974



SIGNALTEK™ Specifications

Cable Types

- Voice/phone cable - USOC/RJ-11/RJ-12 interface
- Data Cable - STP/UTP (RJ-45) for CAT 3/5e/6/6a/7 cabling
- Coax cable - via RJ-45 to F Patchcord, series 6, 59, 58 cabling (50/75 Ohm)

Physical Dimensions

- Display handset: 7.9” L x 3.6” W x 1.5” D
- Remote handset: 6.8” L x 3.5” W x 1.5” D
- Near-end Weight: 12.5 oz.

Ports/Connections

- RJ-45 test interface port
- Mini USB “A” port
- Standard USB “B” port
- DC power input for long-term network monitoring

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SIGNALTEK™-FO Multimedia Ethernet Certifier



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.

- Fiber Optic and Copper Gigabit Certification – Qualify copper and fiber-optic cabling to IEEE 802.3 standards
- Multimedia Gigabit Certification (Multimode and Single Mode capability) – Qualify short and long range cabling to a distance of up to 10km
- BERT and Optical Attenuation Measurements – Perform Bit Error Rate Testing and decibel (dB) loss measurements of optical links.
- Dual Wavelength Capability – available in both 850nm and 1300mn wavelengths to support virtually all LAN and campus fiber applications.
- Small Form factor Pluggable (SFP) modules are compact, light-weight and field changeable.
- Storage and Reporting for Thousands of Reports – Store and print Qualification reports for copper and fiber jobs using internal memory or USB "thumb-drives".



Description	Cat. No.
SIGNALTEK™-FO w/850 Modules	**33-981**
SINGALTEK™-FO w/13X0 Modules	**33-982**
SIGNALTEK™-FO w/850 & 13X0 Modules	**33-983**
SIGNALTEK™-FO w/o Modules (Fiber-Ready)	**33-987**

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
- 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**

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SecuriTEST™ PRO CCTV/Security Tester

SecuriTEST™ PRO adds to the already impressive capabilities of the SecuriTEST™ by including all the features of the original, plus IRE testing (video and sync levels), audio level testing, a high-capacity lithium ion battery in a package that's smaller and lighter than before. The SecuriTEST™ PRO has all the features and functionality that CCTV technicians need to install, test and maintain analog security camera systems. SecuriTEST™ PRO also includes a custom carrying case (optional with the standard SecuriTEST™).

Features of SecuriTEST™ PRO

- All the same features of the SecuriTEST™ plus:
- ***NEW –*** IRE video level and sync tests
- ***NEW –*** Sound level test through integrated speaker and on screen level indicator
- ***NEW –*** High capacity lithium ion battery
- ***NEW –*** Support for additional PTZ protocols
- ***NEW –*** Carrying case included

NEW



Carrying Case (62-891)

Description	Cat. No.
SecuriTEST™ PRO CCTV/Security Tester only	33-892
SecuriTEST™ Tester Pouch only	62-891

SecuriTEST™ CCTV/Security Tester

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

- **Seven Essential CCTV Tools** – Combines a CCTV video tester, PTZ camera controller, Digital Multi-Meter, 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 2.5in (6.3cm) 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.





Description	Cat. No.
SecuriTEST™ CCTV/Security Tester only	33-891
SecuriTEST™ Tester Pouch only	62-891

Includes: Rechargeable batteries, AC charger, car charger, test leads, wiremap terminator, neck strap and manual.

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LinkMaster™ PRO and LinkMaster™ PRO XL Testers

The LinkMaster™ PRO & LinkMaster™ PRO XL Testers enable installers, contractors and maintenance technicians to map, test and troubleshoot data and voice communication cable and coax runs. Rugged, versatile, and easy-to-use, they have mastered the link between performance, simplicity and value for both commercial and residential applications.



Features

Description	LinkMaster™ PRO	LinkMaster™ PRO XL
Blinks the hub		■
Displays length measurement with test results		■
Remotes have both RJ-11 and RJ-45 jacks		■
Backlight LCD screen		■
Measures length on UTP, STP and coax	■	■
Tests UTP for shorts, opens, miswires, reversals, split pairs and shield continuity	■	■
Test coax for opens, shorts and continuity	■	■
Shows wiring errors	■	■
Tests and identifies with all eight twisted pair and coax remotes	■	■
Sends tone with four different signals	■	■
Displays test results in wire map format	■	■
Snap-off battery cap	■	■
9 volt battery included	■	■

Kits

	Description	Cat. No.
	LinkMaster™ PRO XL Kit w/eight remotes	33-880
	LinkMaster™ PRO XL Kit w/eight remotes and Tone & Probe	33-881
	LinkMaster™ PRO XL Kit w/eight remotes – International Packaging	33-886
	LinkMaster™ PRO XL Economy Kit w/one remote	33-887
	LinkMaster™ PRO Kit w/eight remotes – Unshielded Jumper Cables	33-825
	LinkMaster™ PRO Kit w/eight remotes – Shielded Jumper Cables	33-826
	LinkMaster™ PRO Economy Kit w/one remote – Unshielded Jumper Cables	33-835
	LinkMaster™ PRO Economy Kit w/one remote – Shielded Jumper Cables	33-836

Accessories

	Description	Cat. No.
	RJ-45 to RJ-11Jack Adapter (2/card), POP Packaging	LA-4233
	RJ-45 to F-Connector Adapter (2/card), POP Packaging	LA-4234
	LinkMaster™ Pro XL Remotes UTP/STP, 2-8 only (white carton)	LA-4235
	LinkMaster™ Pro XL Large Replacement Case	H-3412
	Security/Speaker Kit – 8-Position Modular Adapter and eight RJ-45 to Alligator Clip Lead Sets	LA-4157
	BNC Accessory Kit	LA-4173
	Set of Eight Color-Coded F-Terminators for LinkMaster™ Pro or Pro XL	LA-4159
	LinkMaster™ Pro Large Replacement Case	H-3324
	Replacement Economy Kit Case	H-4868

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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/FAIL" 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

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
- Extra-deep serrations grip wire better
- RJ-11 Alligator Clip, RJ-11 Cable Assembly included

Description	Cat. No.
TRACETone™ Tester and Accessories	62-140

Also available in these kits:

33-916



33-917



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	62-164
Tone Generator	62-160
Amplifier Probe & Tone Generator Kit - includes 62-164, 62-160, Lead Set, Cable Assembly & Standard Replacement Tip	33-864

LinkMaster™ Tester

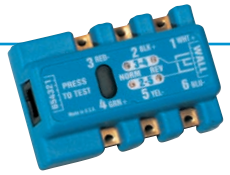


Tests wiring configurations on UTP/STP cables. Checks for shorts, miswires, reversals and split pairs. Debug feature, automatic shut-off and low battery LED indication.

- 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

Smart6™ Modular Tester



- 6-position Tester
- Incoming call identification

Description	Cat. No.
Smart6™ Modular Tester	62-096

Testers

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OmniSeal™ Pro Compression Tools

The new 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
- Connectors approved for use by satellite and cable TV companies



OmniSeal Pro
30-603



OmniSeal Pro XL
30-793

Description	Qty.	Cat. No.
OmniSeal™ Pro XL Compression Tool	1	**30-793**
OmniSeal™ Pro Compression Tool	1	**30-603**

	BNC	F-Type	RG11	RCA	Mini Coax
OmniSeal™ Pro XL 30-793	✓	✓	✓	✓	✓
OmniSeal™ Pro 30-603		✓	✓	✓	✓



Also available in these kits:

33-630



33-624



33-945



Economy Compression Tool

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

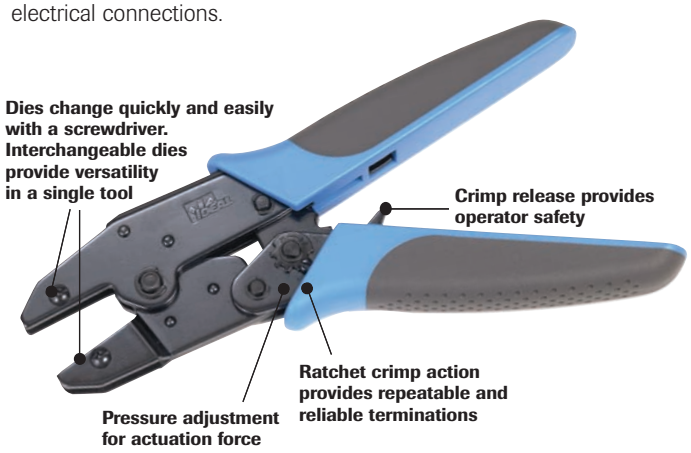


Description	Cat. No.
Economy Compression Tool	**30-633**
Economy Compression Tool Kit - Includes four RG-6 Connectors	**33-633**

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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.



Description	Cat. No.
Crimpmaster™ Crimp Tool Frame	30-506

Also available in these kits:

33-400



33-917



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



30-572
16-26 AWG (1.31mm² - .128mm²) miniature insulated rings, spade and butt splices
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



30-579
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



30-581
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



30-586
22-12 AWG (.324mm² - 3.31mm²) Non Insulated Open Barrel Connectors, Commercial Type
Tool w/die N/A



30-587
RG-58, RG-174 and RG-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



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

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Punch Down Tools



MADE IN THE USA



35-495 110 Blade | 35-497 66 Blade | 35-407 110/66 Blade | 35-478 Krone® Blade | 35-479 Bix® Blade

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
Punch Down Tool w/66 blade	35-493
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



33-705



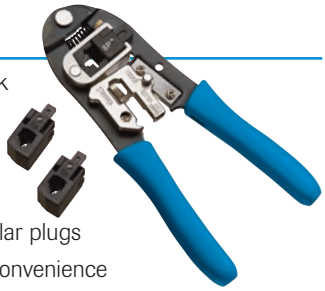
Ratchet Telemaster™



- 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

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	33-296

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-45 (4 pair) & DECconnect MMJ (RJ-11, 3 pair)	N/A	30-497
Tool for RJ-11 (1, 2, 3 pair) & DECconnect MMJ (RJ-11, 3 pair)	N/A	30-498
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.

Also available in these kits:

33-704



33-750



Tools

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Kinetic Super™ Wire Stripper/Crimper



- Easily cuts and strips 22 to 24 AWG solid wire

Description	Cat. No.
Kinetic Super™ Wire Stripper/Crimper	45-719

4-Way Indent Crimp Tools



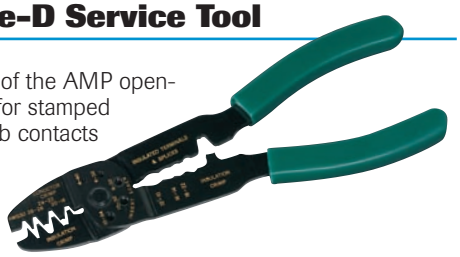
35-465

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

- High-grade steel construction for outstanding performance

Description	Cat. No.
20-26 AWG (.519 mm^2 - .128 mm^2) RS232 D-sub Round Barrel Contacts, Pins or Sockets	35-465
16-22 AWG (1.31 mm^2 - .324 mm^2) Round Barrel Contacts, Pins, Sockets and Deutsch 16 Pin Contacts	35-466
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

Coax Strip and Crimp Tool



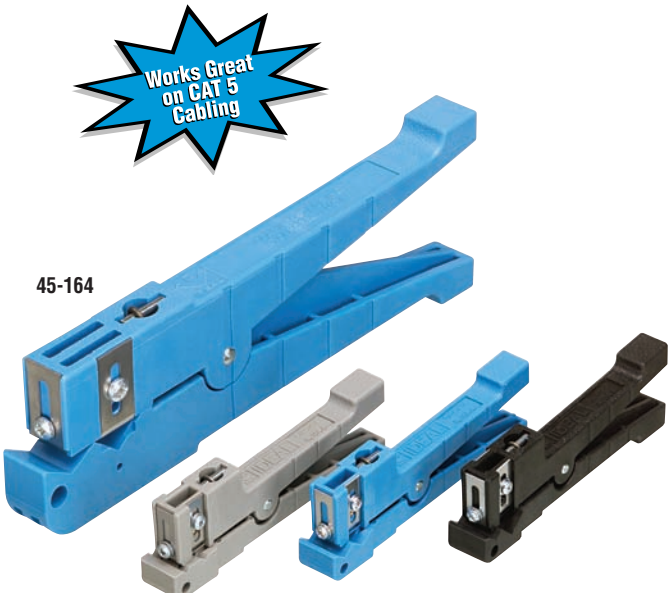
- Precision, form-ground stripping holes remove outer jacket and insulation from RG-59 and RG-6 coaxial cable
- Durable blades cut copper-coated steel conductors
- Three crimping nests for crimping F-connectors and ring terminals
- Cushioned, comfort-grip handles

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

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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.	RG-58,CB Mini Coax	**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, UTP Cable	**45-165** (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.

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)	Repl. Blade Cat. No.	Cat. No.
Coax Stripmaster® for RG-6	RG-6	**LB-740**	**45-262**
Coax Stripmaster® for RG-59	RG-59	**LB-743**	**45-265**
Coax Stripmaster® for RG-6 Quad Shield	RG-6 Quad Shield	**LA-3953**	**45-282**

Mini Coax Stripper

- Adjustable stripper for mini coax cable
- Provides a 1/4 in. x 1/4 in. strip



Description	Cat. No.
Mini Coax Stripper	**45-529**

RG-11 Coax Strippers

- RG-11 45-011 Coax Stripper - for use with IDEAL RG-11 push-on connectors, provides a 1/4 in. x 1/8 in. strip
- RG-11 45-111 Coax Stripper - for use with IDEAL RG-11 compression connectors, provides 1/4 in. x 1/4 in. strip

Description	Cat. No.
RG-11 Coax Stripper for Push-On Connectors	**45-011**
RG-11 Coax Stripper for Compression Connectors	**45-111**



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Coax Cable Stripper



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

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

Toggle® Coax Strippers



- Toggle® Tools for stripping Ethernet, Thinnet, RG-62 or RG-59 coax cable and other cable sizes

Description	Cat. No.
Coax Stripper for RG-8/11U	45-510
Coax Stripper for RG-6	45-513

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

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

Simplex/Duplex 3mm Jacket Stripper



- Designed to remove the jacket from 3mm Simplex or Duplex (zip cord) fiber optic cable
- Form-ground, knife-type blades for accurate easy stripping without damaging the fiber or Kevlar® strength member
- Contoured, comfort-grip handles to reduce operator fatigue

Description	Cat. No.
Simplex/Duplex 3mm Jacket Stripper	45-349

Note: Kevlar® is a registered trademark of DuPont.

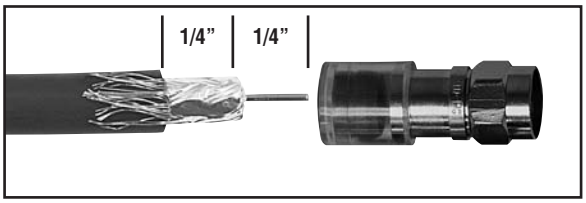
Coax Strippers



- Specific adjustments needed for each cable size

Description	Replacement Cassette	Cat. No.
Coax Stripper - 2 Step • For most IDEAL compression connectors and single crimp/twist-on BNC/TNC • Strips 0.250 in. or 6.35mm	45-524 (Blue)	45-526
Coax Stripper - 3 Step • For crimp BNC and TNC connectors • Strips braid 0.240 in. or 6mm and Dielectric 0.240 in. or 6mm	45-522 (Black)	45-520
Coax Stripper - 3 Step • 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	45-523 (Brown)	45-521

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



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Data T®-Cutter





MADE IN THE USA

- 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
- Data T®-Cutter II designed for RG-59 and RG-6 coaxial cable

Description	Cat. No.
Data T®-Cutter	45-074
Data T®-Cutter II	45-075

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
- Electrician's Scissors with stripping notches strip 19 and 23 AWG wire

Description	Cat. No.
Electrician's Scissors w/stripping notches	35-088
Electrician's Scissors	35-089
Cable Splicing Knife and Leather Holder	35-091
Leather Knife Holder Only	35-092
Cable Splicing Kit (Scissors, Splicing Knife, Leather Holder)	35-093
Leather Holder only for Scissors and Knife	35-094

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

Also available in these kits:

33-917



33-623



Economy Round Cable and Wire Cutter



- Cuts multi-conductor cable up to .500 in. (12.7mm) and solid or stranded wire up to #8 AWG ($10mm^2$)
- Built-in return spring, locking latch
- Stamped, hardened steel frame with curved cutting blades

Description	Cat. No.
Multi Conductor Cable to .500 in. (12.7mm) Solid or Stranded	35-051

Center Conductor Cutter



- Trims coax center conductor to 3/16 in. (4.8 mm) length for proper installation into a dual crimp coax connector.

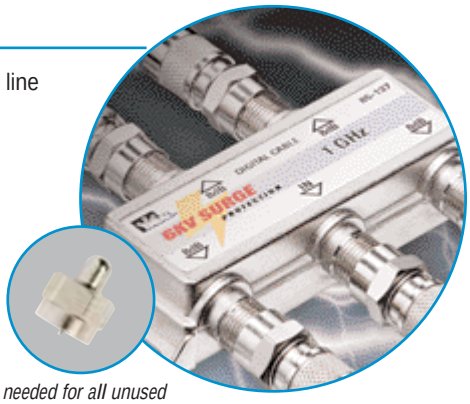
Description	Cat. No.
Center Conductor Cutter	35-060

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Surge Suppression Cable Splitters

4-Way 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
- PCB Printed Circuit Board Design
- Nickel Plated Housing
- Splits signals up to 4 outlets



Terminators (85-038) needed for all unused ports for optimal performance

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

Grounding Blocks



85-311



85-313

- Solid zinc alloy, nickel plated and chromate finished
- High Performance beryllium copper contact
- Excellent electrical performance 0 - 3,000 MHz
- Dual grounding holes can accept up to #6 wire
- UL/CSA approved

Description	Qty.	Cat. No.
3 GHz Double Grounding Block	1/card	**85-311**
3 GHz Quad-Square Grounding Block	1/card	**85-313**

Satellite and Digital TV Splitters



85-332



85-333



85-334

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

Description	Qty.	Cat. No.
2-Way, 5MHz - 2.3GHz	1	**85-332**
3-Way, 5MHz - 2.3GHz	1	**85-333**
4-Way, 5HMz - 2.3GHz	1	**85-334**

Splitters



Description	Quantity	Cat. No.
CATV Cable Splitter, 5-900 MHz, 2-Way	Card of 1	**85-032**
CATV Cable Splitter, 5-900 MHz, 3-Way	Card of 1	**85-033**
CATV Cable Splitter, 5-900 MHz, 4-Way	Card of 1	**85-034**
High Performance Cable Splitter, 5MHz-1GHz 2-Way	Card of 1	**85-132**
	Box of 10	**86-132**
High Performance Cable Splitter, 5MHz-1GHz 3-Way	Card of 1	**85-133**
	Box of 10	**86-133**
High Performance Cable Splitter, 5MHz-1GHz 4-Way	Card of 1	**85-134**
	Box of 10	**86-134**

Diplexer, 2.3 GHz



- Combine or split cable/antenna signals with satellite signals
- High quality PCB design
- Nickel-plated die-cast zinc housing
- Grounding hole for up to 6 AWG wire

Description	Cat. No.
Diplexer, 2.3 GHz, SATV/TV Combiner Splitter - 2 Amp	**85-323**

Digital Cable Splitter



- 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.
Digital Cable Splitter, 8-Way	**85-138**

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Compression Connectors for Every Application

NEW



Reg/Tri/Quad & Plenum F-Connectors

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





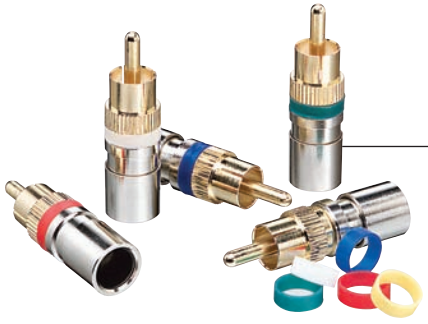
BNC Connectors

- Nickel-plated, brass-construction for superior corrosion resistance
- Moisture-inhibiting design
- Approved for indoor and outdoor use
- Use 30-793 Compression Tool
- 75 Ohm nominal impedance
- Gold-plated pin contact area

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
- Bandwidth up to 3 GHZ



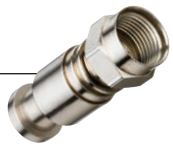


RCA Connectors

- 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

Mini RCA Connectors

- For use with most 21-25 AWG mini coax cable
- Body is nickel plated for outstanding corrosion resistance
- Mini RCA head is gold plated for superior contact performance
- Bandwidth is 5 MHz - 3 GHz, Impedence is 75 Ohms (nominal), return loss min. -30 dB @ 3 GHz



F-Connector



RCA Connector

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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 1,500	**92-659**
	F	RG-6 Plenum	Jar of 50	**92-660**
			Box of 1,500	**92-669**
	F	RG-59 Reg/Tri/Quad	Jar of 50	**92-610**
			Box of 1,500	**92-619**
	F	RG-11	Card of 10	**89-211**
			Box of 500	**89-1211**
	F	RG-6	Card of 4	**89-017**
			Jar of 50	**89-044**
	F	RG-6 Quad	Card of 4	**89-018**
			Jar of 50	**89-045**
	BNC	RG-6	Card of 15	**89-048**
			Jar of 35	**89-5048**
	BNC	RG-59	Card of 15	**89-047**
			Jar of 35	**89-5047**
	RCA	RG-6	Card of 10	**89-582**
			Jar of 35	**89-580**
	RCA	RG-59	Card of 10	**89-572**
			Jar of 35	**89-570**
	F	Mini	Card of 10	**89-014SM**
	RCA	Mini	Card of 10	**89-014SMRCA**

Compression Port Seals

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

Description	Qty.	Cat. No.
Short Sleeve Compression F-Connector Port Seals	Bag of 100	**89-126**
Long Sleeve Compression F-Connector Port Seals	Bag of 100	**89-127**



Long Sleeve



Short Sleeve

Also available in these kits:

33-635



33-630



33-620



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F-Type Coaxial Connectors

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

	Connector Type	Cable Type	Termination Type	Quantity	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**
	F	RG-6	Twist-On	Card of 4	**84-039**
				Card of 10	**85-053**
				Card of 50	**85-039**
				Box of 100	**86-039**
	F	RG-59	Twist-On	Card of 4	**84-018**
				Card of 10	**85-035**
	F	N/A	N/A	Card of 10	**85-031**
	F	N/A	N/A	Card of 10	**85-038**

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

- Tool-less design - cuts, strips and pushes on to cable
- All brass nickle-plated construction
- Knurled nut for superior grip
- For indoor use



Connector Type	Cable Type	Qty.	Cat. No.
F	RG-6	Card of 4	**85-065**
		Jar of 50	**85-165**
		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**
		Box of 1,500	**85-1167**

Description	Cat. No.
Coax Connector Kit w/Economy Coax Stripper and four RG-6 Push-on Connectors	**33-320**

Push-On F-Connectors, RG-11

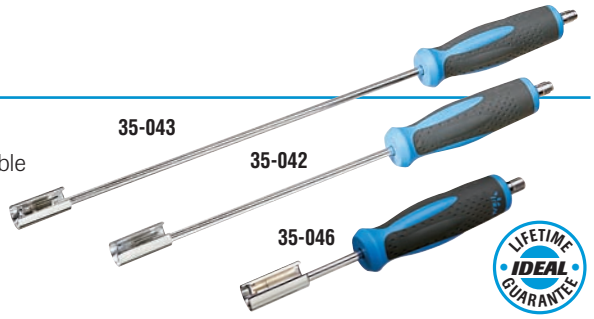


- Fits regular RG-11 cable
- Innovative design does not require a compression or crimp tool
- Integral pin with center conductor seizing mechanism
- Manufactured from solid brass, nickle-plated for durability
- 9/16 in. hex nut
- Use 45-011 1/4 in. x 1/8 in. Coax Stripper

Description	Qty.	Cat. No.
RG-11 Push-on F-Connector	Card of 10	**85-111**
RG-11 Push-on F-Connector	Box of 500	**85-0111**

Connector Removal 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 Removal Tool - 8 in.	**35-046**
F & BNC Coax Connector Removal Tool - 12 in.	**35-042**
F & BNC Coax Connector Removal Tool - 16 in.	**35-043**

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BNC Coaxial Connectors

IDEAL coaxial connectors are available in two grades. A premium specification grade features precision machined brass bodies with nickel plating. The commercial grade consists of machined diecast components with nickel plating. A variety of connectors handle different termination types, cable size, impedance rating and attachment means.

- 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	Connector Grade	Insulation	Model	Qty.	Cat. No.
	BNC Plug	RG-58	20 AWG Solid	Non-Plenum	50 Ohm	Commercial	Delrin	IA-3620	Bag of 5	**85-490**
						Specification		IA-3621	Bag of 5	**85-491**
	BNC Plug	RG-59	20 AWG Solid	Non-Plenum	75 Ohm	Commercial	Delrin	IA-3617	Bag of 5	**85-502**
									Box of 100	**86-502**
				Plenum				IA-3618	Bag of 5	**85-512**
			22-23 AWG Solid	Non-Plenum				IA-3624	Bag of 5	**85-513**
				Plenum				IA-3626	Bag of 5	**85-515**
				Non-Plenum	50 Ohm	Specification		IA-3592	Bag of 5	**85-517**
	BNC Plug	RG-6	18 AWG Solid	Non-Plenum	75 Ohm	Specification	Delrin	IA-3634	Bag of 5	**85-545**
		Belden 8281	20 AWG Solid					IA-3636	Bag of 5	**85-550**
	BNC Jack	RG-59	22-23 AWG Solid	Non-Plenum	75 Ohm	Specification	Teflon	IA-3638	Bag of 5	**85-553**
	BNC Terminator	—	—	—	50 Ohm	Specification	Delrin	IA-3641	Bag of 5	**85-556**
	BNC Tee Adapter	—	Jack to Plug	—	50 Ohm	Commercial	Delrin	IA-3667	Bag of 5	**85-588**
	BNC Adapter	—	Jack to Jack	—	50 Ohm	Specification	Delrin	IA-3668	Bag of 5	**85-590**
	BNC Twist-on Plug	RG-59	22-23 AWG Solid	Non-Plenum	50 Ohm	Commercial	Delrin	IA-3677	Bag of 5	**85-480**

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Wall Plates

Telephone Wall Plates are listed and approved by the Underwriter's Laboratories and contain 50 micro inches of gold plating on the contacts.


85-205


85-220


85-218


85-239


85-237


85-232

Telephone Wall Plates - Standard Size - (2-3/4 in. x 4-1/5 in.)

Description	Color	Qty.	Cat. No.
RJ-11, 2 Pair	Ivory	Card of 1	**85-206**
		Box of 100	**86-206**
	White	Card of 1	**85-207**
		Box of 100	**86-207**
	Almond	Card of 1	**85-223**
		Box of 100	**86-223**
RJ-11, 2 Pair Wall Mount Plate	White	Box of 100	**86-219**
CATV Coax	White	Box of 100	**86-201**
Combo CATV/RJ-11	White	Card of 1	**85-205**
		Box of 100	**86-205**

Telephone Wall Plates — Mid-Size (3-1/8 in. x 4-7/8 in.)

Description	Color	Qty.	Cat. No.
RJ-11, 2 Pair	White	Box of 100	**86-237**
Combo CATV/RJ11	White	Box of 100	**86-236**
CATV Coax	White	Box of 100	**86-234**

Cables

- Customizable bulk cable
- Bulk CAT 5e solid 4-pair, CMR rated, 24 AWG, 350 MHz cable
- Bulk 2-conductor in-wall, 16 AWG speaker wire

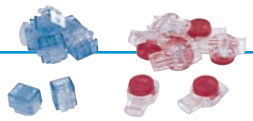
Description	Cat. No.
CAT 5e Cable - 100 ft.	**85-780**
In-wall Speaker Wire - 50 ft.	**85-770**


85-770


85-780

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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.
UB-I, 2-Wire Tap Splice IDC	25	**85-900**
UR-I, 3-Wire Butt Splice IDC	25	**85-925**
UY-I, 2-Wire Butt Splice IDC	25	**85-950**
UR-I, 2-Wire Butt Splice IDC	100	**86-925**
UY-I, 2-Wire Butt Splice IDC	100	**86-950**
UB-I, 2-Wire Tap Splice IDC	1,000	**87-900**
UR-I, 3-Wire Butt Splice IDC	1,000	**87-925**
UY-I, 2-Wire Butt Splice IDC	1,000	**87-950**
IDC Combo Pack	25	**85-960**
Kinetic Super™ Wire Stripper/Crimper	1	**45-719**

CAT 6 Modular Plugs

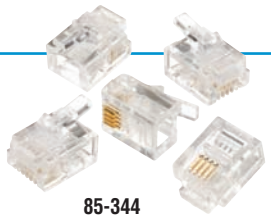


- Supports CAT 6
- Unique three-piece design provides easy installation and optimal performance
- Crimps with a standard RJ-45 crimp die
- 50 micron gold contacts, 8-position, 8-contact
- Suitable for solid or stranded conductors

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

Modular Plugs





- All plugs comply with FCC 86 guidelines and are UL Listed
- Plugs are capable of supporting the latest EIA/TIA cable system performance categories when installed in compliance with appropriate EIA/TIA standards and methods
- Plugs offered for round cable with solid conductors and for flat cable and stranded conductors
- Position and contact configurations cover popular styles

Description	Qty.	Cat. No.
6-Position 4-Contact Flat Stranded	25	**85-351**
	50	**85-401**
	100	**86-401**
6-Position 6-Contact Flat Stranded	25	**85-352**
	50	**85-402**
	100	**86-402**
4-Position 4-Contact Flat Stranded (Handset)	100	**86-398**
8-Position 8-Contact Flat Stranded	25	**85-353**
	50	**85-403**
	100	**86-403**
6-Position 4-Contact Round Solid	25	**85-344**
	50	**85-394**
	100	**86-394**
6-Position 6-Contact Round Solid	100	**86-395**
8-Position 8-Contact CAT 6 Modular Plug	25	**85-366**
8-Position 8-Contact Round Solid	25	**85-346**
	50	**85-396**
	100	**86-396**

Also available in these kits:

33-750



33-704



33-652



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Economy Data and CATV Kit – 33-915

Kit Includes:

- **30-496** Telemaster™ Telephone Tool
- **30-633** Economy Compression Tool
- **35-492** Non-Impact Turn-Lock™ Tool w/110 Blade
- **35-535** Mechanics Bag
- **45-074** Data T®-Cutter
- **45-167** Economy UTP Stripper
- **45-320** Economy Coax Stripper



Basic Data and Video Kit – 33-916

Kit Includes:

- **30-793** OmniSeal™ Pro XL Compression Tool
- **33-856** VDV Multimedia Cable Tester
- **35-462** Journeyman Electrician's Tote™
- **35-485** Punchmaster™ II Punch Down Tool w/110 Blade
- **45-074** Data T®-Cutter
- **45-165** UTP Stripper
- **45-262** Stripmaster® Wire Stripper for RG-6
- **62-140** TRACETone™ Tone Generator & Amplifier Probe



Data/Video Kit – 33-917

Kit Includes:

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



Economy CATV Compression Kit – 33-621

Kit Includes:

- **30-633** Economy Compression Tool
- **35-402** Zipper Pouch
- **45-074** Data T®-Cutter
- **45-320** Economy Coax Stripper
- **92-654** RG-6, RG-6 Quad Compression F-Connectors, qty. 4



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Residential Compression Kit - 33-625



Kit Includes:

- **30-603** OmniSeal™ Pro Compression Tool
- **35-535** Mechanic's Tool Bag
- **45-074** Data T®-Cutter
- **45-262** Coax Stripmaster® Wire Stripper for RG-6
- **92-650** RG-6 RTQ Compression Connector, 50/jar
- **LA-3953** Stripmaster® RG-6 QuadShield Repl. Blade

Economy Compression Kit - 33-620



Kit Includes:

- **30-633** Economy Tool
- **45-074** Data T®-Cutter
- **45-526** Coax Stripper
- **92-610** RG-59 RTQ Compression Connectors, 50/jar
- **92-650** RG-6 RTQ Compression Connector, 50/jar

Service Compression Kit - 33-630



Kit Includes:

- **30-793** OmniSeal™ Pro XL Compression Tool
- **45-074** Data T®-Cutter
- **45-262** Coax Stripmaster® Wire Stripper for RG-6
- **89-026** Compression F-Connector Port Seals, qty. 5
- **89-057** BNC RG-6 Compression Connectors, qty. 10
- **89-058** BNC RG-59 Compression Connectors, qty. 10
- **92-650** RG-6 RTQ Compression Connector, 50/jar
- **92-660** RG-6 Plenum Compression Connector, 50/jar
- **LA-3953** Replacement Blade for 45-262

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



Kit Includes:

- **30-496** Telemaster™ for RJ-11/RJ-45 Plugs
- **85-351** 4-Position, RJ-11 Stranded Modular Plugs, qty. 15
- **85-352** 6-Position, RJ-11 Stranded Modular Plugs, qty. 15
- **85-353** 8-Position, RJ-45 Stranded Modular Plugs, qty. 15

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Economy 10Base-T Kit - 33-750

Kit Includes:

- **30-496** Telemaster™ RJ-11/RJ-45 Crimp Tool
- **45-165** UTP/Coax Stripper
- **85-346** 8-Position RJ-45 Non-keyed Solid Plugs, qty. 50



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

Kit Includes:

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



RG-6 Push-on Connector Kit - 33-320

Kit Includes:

- **45-320** 2-Step 59 & 6 Series Stripper
- **85-065** RG-6 Push-On Connectors, qty. 4



Compression Connector Installation Kit - 33-623

Kit Includes:

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



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Cable Service Kit – 33-605



Kit Includes:

- **35-088** Electrician's Scissors w/Stripping Notches
- **35-462** Journeyman's Electrician's Tote™
- **35-473** Probe Pic & Spudger
- **35-485** Punchmaster™ Punch Down Tool w/110 Blade
- **35-497** 66 Blade Only
- **35-905** 5-in-1 Screwdriver
- **45-165** UTP/STP Stripper
- **62-160** Tone Generator
- **62-164** Amplifier Probe

Deluxe Cable Service Kit – 33-705



Kit Includes:

- **30-496** Telemaster™ Telephone Tool
- **35-088** Electrician's Scissors w/Stripping Notches
- **35-462** Journeyman's Electrician's Tote™
- **35-473** Probe Pic & Spudger
- **35-485** Punchmaster™ Punch Down Tool w/110 Blade
- **35-497** 66 Blade Only
- **35-905** 5-in-1 Screwdriver
- **45-165** UTP/STP Stripper
- **62-160** Tone Generator
- **62-164** Amplifier Probe
- **62-200** LinkMaster™ Tester and Remote

Technician's Service Kit – 33-505



Kit Includes:

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

Crimpmaster™ F-Type (CATV) Connectors Kit – 33-400



Kit Includes:

- **30-503** Crimpmaster™ CATV Crimp Tool
- **85-016** F-Connector, Crimp-on RG-59 Plugs, qty. 20
- **85-017** F-Connector, Crimp-on RG-6 Plugs, qty. 20

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Pro Installer Kit – 33-945



Kit Includes:

- **30-427** Large Mouth Bag – 18 in.
- **30-603** OmniSeal™ Compression Tool
- **30-696** Ratchet Telemaster™
- **35-046** F-Connector Tool
- **35-087** Lever™-Snips Electrician's Scissors
- **35-091** Cable Splicing Knife
- **35-205** Torpedo Level
- **35-238** Mag-Tape™ Tape Measure
- **35-275** Jab Saw
- **35-407** 110/66 Blade
- **35-420** Tongue & Groove Pliers – 9-1/2 in.
- **35-473** Probe Pic and Spudger
- **35-485** Punchmaster™ II 110 Blade only
- **35-497** 66 Blade only
- **35-908** 7-in-1 Twist-a-Nut™ Screwdriver/Nutdriver
- **35-3037** Smart-Grip™ Long-Nose Pliers – 7-3/4 in.
- **35-3430** Smart-Grip™ Tongue & Groove Pliers – 10 in.
- **45-074** Data T®-Cutter
- **45-165** UTP/STP Stripper
- **45-526** Coax Stripper - 2-Step
- **62-160** Tone Generator
- **62-164** Amplifier Probe

Coax Termination Hip Kit – 33-624



Kit Includes:

- **30-793** OmniSeal™ Pro XL Compression Tool
- **45-074** Data T®-Cutter
- **45-603** Coax/UTP Cable Stripper
- **92-651** Compression F-Connector, RG-6,10/card

RCA Compression Connector Kit – 33-635

NEW



Kit Includes:

- **30-793** OmniSeal™ Pro XL Compression Tool
- **45-074** Data T®-Cutter
- **45-603** Coax/UTP Cable Stripper
- **89-044** OmniCONN™ RG-6 Compression Connectors
- **89-572** OmniCONN™ RCA RG-59 Compression Connectors
- **89-582** OmniCONN™ RCA RG-6 Compression Connectors

Telemaster™ Crimp Kit – 33-700

NEW



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

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Coaxial Selection Chart

Compression Style



Cable	Cutter	Stripper	Compression Tool	Compression Connector	Tester
CATV/SATV/F-type					
RG-59 Reg/Tri/Quad	45-074, 45-075	45-265, 45-603, 45-526	30-603, 30-793, 30-633	92-610, 92-619	33-856, 33-880 33-881, 33-887*
RG-6 Reg/Tri/Quad	45-074, 45-075	45-262, 45-603, 45-526	30-603, 30-793, 30-633	92-654, 92-651, 92-650, 92-656, 92-659	
RG-6 Plenum	45-074, 45-075	45-282, 45-603, 45-526	30-603, 30-793, 30-633	92-660, 92-669	
RG-11	45-074, 45-075	45-111, 45-510	30-603, 30-793	89-211, 89-1211	
Minis	45-074, 45-075	45-529, 45-163	30-603, 30-793	89-014SM, 89-014SMRCA	
BNC					
RG-59	45-074, 45-075	45-265, 45-603, 45-526	30-793	89-047, 89-5047	
RG-6	45-074, 45-075	45-265, 45-603, 45-526	30-793	89-048, 89-5048	

*Need LA-4173 adapter.

Crimp Style



Cable	Cutter	Stripper	Crimping Tool	Connector	Tester
CATV/SATV/F-Type					
RG-59	45-074, 45-075	45-265, 45-603, 45-320	30-503	85-036, 85-016, 86-016	33-856, 33-880 33-881, 33-887*
RG-6	45-074, 45-075	45-262, 45-603, 45-320	30-503	85-037, 85-017, 86-017	
RG-6 Quad Shield	45-074, 45-075	45-282, 45-603, 45-320	30-503	85-057, 85-030, 86-030	
RG-6 Plenum	45-074, 45-075	45-282, 45-603	30-503	N/A	
RG-11	45-074, 45-075	45-164, 45-510, 45-111	30-482	N/A	
BNC					
RG-59, Non-Plenum	45-074, 45-075	45-520	30-502, 30-483	85-513, 85-517, 85-502	
RG-6 Non-Plenum	45-074, 45-075	45-520	30-483	85-545	

*Need LA-4173 adapter.

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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 calbration coupler
- Carrying case
- English, Spanish, German, French, Portuguese, Italian and Chinese user's manual

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	850nm LED
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

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





Description	Cat. No.
Kit with integrated remote and accessories	33-928

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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
- Soft padded carrying case included
- Battery life 48+ hours
- Compact size 7.5 in. x 1.96 in. x 1.18 in.
- Optional 200X Conversion Eyepiece threads on for viewing finish/polish of singlemode connectors

Description	Cat. No.
Fiber Inspection Microscope	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.

VFF Visual Fault Finder

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



- ***NEW*** 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 metal housing
- Nylon carrying case with belt loop included

Description	Cat. No.
Visual Fault Finder	VFF5

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

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.

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

MiniLite-Strip™ Optical Fiber Stripper

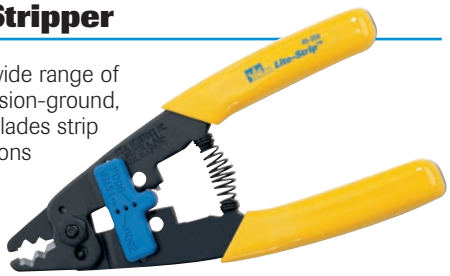


- Small strip notch engineered and precision-ground to strip 900 micron or 250 micron buffer coatings from 125 micron fiber
- Larger round strip notch machined to remove the 3mm outer jacket
- Strip notches pre-set and locked, no field adjustment necessary

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

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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**

Stripmaster® Ribbon Fiber Jacket Stripper



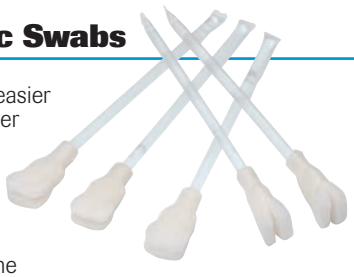
- Removes jacket from Ribbon Fiber without damage to the Kevlar® strength member of the Ribbon Fiber

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.

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



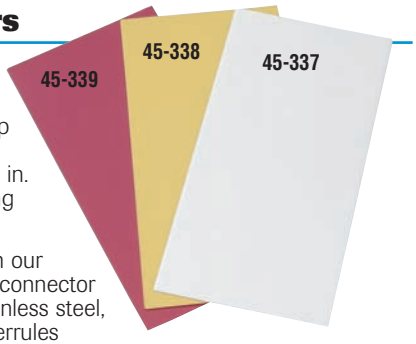
Produces polished fiber optic ST® and SC type connectors for optimum connector performance.

- 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	Qty.	Cat. No.
Polishing Fixture for Optical Fiber SC/ST® Type Connectors	1	**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 6", Aluminum Oxide	Ivory	20 films/sleeve	**45-337**
3.0µm, 3" x 6", Aluminum Oxide	Lt. Yellow	20 films/sleeve	**45-338**
12µm, 3" x 6", Aluminum Oxide	Lt. Red	20 films/sleeve	**45-339**

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