

DATACOMM SOLUTIONS

ENHANCE EXISTING TECHNOLOGIES AND
PROVIDE A FOUNDATION FOR TOMORROW

IDEAL DataComm provides installation and testing solutions for twisted pair, coax and fiber based on applications. Designed for the professional, IDEAL tools and connectivity products offer an integrated approach to cut, strip and terminate a wide variety of low-voltage applications. Combined with our technical expertise, product training and customer support, this integrated approach ensures that your total cost of ownership is minimized.

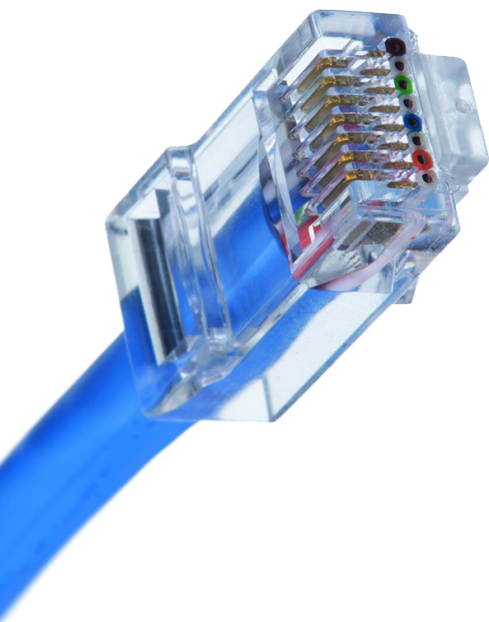


THE ELECTRICIAN'S
CHAMPION



TABLE OF CONTENTS

Crimpmaster™ Ratcheting Crimp Tool.....	1
Crimpmaster™ Tools and Die Sets.....	1
OmniSeal™ PRO XL Compression Tool.....	2
F/BNC Connector Installation and Removal Tool.....	2
Impact Punchdown Tool.....	2
Feed-Thru Modular Plug Crimp Tool.....	2
Feed-Thru Modular Plugs.....	3
Telephone Tools.....	3
Strippers.....	3
Cutters/Scissors.....	4
Kits.....	5
Fiber Optic.....	6





Crimpmaster™ Ratcheting Crimp Tool

- Ratcheting tool frame ensures full crimp cycle
- Provides a consistent crimp every time
- Dies change quickly and easily with a screwdriver
- Tool frame works with all IDEAL Crimpmaster™ Die Sets
- Cushioned, comfort-grip handles



Description	Part No.
Crimpmaster™ Crimp Frame Tool (Die set not included)	30-506
Replacement Screws	LB-1284

Crimpmaster™ Tools and Die Sets



30-559 Die only
RJ-45 CAT 5/5e Eight-position Crimp Tool for keyed or non-keyed modular plugs. Not for Cat 6



30-573 Tool w/die 30-481
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))



30-576 Die only
RG-174, Mini 59 BNC/TNC Connectors (Hex, 0.178 (4.52mm), 0.128 (3.25mm), 0.068 (1.73mm))



30-577 Die only
N-Series and RG-8/11 Connectors (Hex, 0.429 (10.90mm), 0.100 (2.54mm), 0.080 (2.03mm))



30-578 Die only
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))



30-581 Tool w/die 30-502
RG-58, RG-59/62, BNC/TNC Coax Connectors (Hex, 0.255 (6.48mm), 0.213 (5.41mm), 0.068)



30-582 Tool w/die 30-503
F-Type CATV RG-59, RG-6 Connectors (Hex, 0.350 (8.89mm) 0.320 (8.13mm), 0.255 (6.48mm))



30-587 Die only
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))



30-593 Die only
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))



30-579 Tool w/die 30-500
22-10 AWG (324mm² - 5.261mm²) insulated terminals/color coded nests



30-580 Die only
22-8 AWG (3mm² - 8mm²) non-insulated terminals



30-586 Die only
22-12 AWG (324mm² - 3.31mm²) Non-Insulated Open Barrel Connectors, Commercial Type



30-594 Die only
Fully Insulated quick disconnect terminals with thinner wire barrels 22-10 AWG (324mm² - 5.261mm²)



30-481



30-502



30-503



30-500

OmniSeal™ PRO XL Compression Tool

- Compresses BNC, F-Type, RG11-F, RCA, 90°/Right Angle and Mini Coax compression connectors on coaxial cable
- Compresses ALL IDEAL compression connectors
- Fast and reliable solution to home theater, CATV, satellite systems and security applications
- Permanent connection so your connector never comes loose.
- Universal design with spin knob and adjustable post height works with most non-IDEAL compression connectors



Description	Part No.
OmniSeal™ PRO XL Compression Tool	30-793

F/BNC Connector Installation and Removal Tool



- Patented design works on BNC and F connectors
- Works on compression and hex connectors
- Comfort grip handle aids in installing and removing connectors on coax cable
- F-post for aid in cable to connector assembly

Description	Part No.
F & BNC Coax Connector Tool - 228.6mm (8 in. length)	35-046

Coax Strip & 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	Part No.
Coax Strip & Crimp Tool	30-433

Impact Punchdown Tool

- Includes full 110 and 66 blades
- Adjustable high/low actuation setting accommodates termination requirements
- Turn-Lock™ Style blade holding design
- Impact-absorbing cushioned grip reduces operator stress for high volume installers



Description	Part No.
Punchmaster™ II Punchdown Tool w/full 110 & 66 blades	35-485

Punchdown Tool Blades

Removable Blades	Part 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

Bix® is a registered trademark of Nortel. Krone® is a registered trademark of Krone, Inc.

Feed-Thru Modular Plug Crimp Tool

- FT-45™ Crimp Tool crimps feed-thru, standard and shielded connectors
- Crimps and trims flush in one step
- Compact design
- Long-lasting blade



NEW

Description	Part No.
FT-45™ Feed-Thru Modular Plug Crimp Tool	30-495
FT-45™ Replacement Blade	30-4951

Feed-Thru Modular Plugs



CAT5e



CAT6



**CAT6A/6/5e
Shielded**



**CAT5e
Shielded**

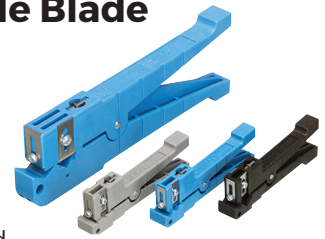
- Feed-Thru modular plugs simplify twisted pair assembly process
- Verify conductor order before crimping
- Conductors trimmed flush by the tool
- Eliminates wasted connectors due to incorrect assembly
- Single-piece design

NEW

Description	25/Pack	50/Pack	100/Bag	100/Jar
CAT5e Feed-Thru RJ-45 Modular Plugs	-	85-371	85-372	85-372J
CAT6 Feed-Thru RJ-45 Modular Plugs	-	85-376	85-377	85-377J
CAT6A/6/5e Shielded Feed-Thru RJ-45 Modular Plugs	85-368	85-369	-	-
CAT5e Shielded Feed-Thru RJ-45 Modular Plugs	85-365	-	-	-

Ringer™ Adjustable Blade Strippers

- Four models cover cable diameters up to 14.2mm (9/16 in.)
- All models include two adjustable depth blades and one adjustable round slitting blade
- Common uses are for fiber jackets, mini-coax prep, twisted pair cables and other specialty copper cables where standard stripping products are not available
- Replacement blades available for all models



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

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

Probe Pic & Spudger



- For isolating conductors and removing terminated wires from voice and data IDC contacts

Description	Part No.
Probe Pic & Spudger	35-473

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
- For CAT5e and CAT6 RJ-45 modular plugs, 5.7mm (0.225 in.) max. cable diameter

Description	Quantity	Part No.
Strain Relief Boots for Modular Plugs	25	85-380
15 Strain Relief Boots and 15 8P8C RJ-45 CAT5e Modular Plugs	15	85-379

PrepPRO® Coax/UTP Cable Stripper

- Auto adjusting blade depth for 6/6Quad/59 coax cable
- Strips RG-59/6 Plenum cables
- 6.35mm (1/4 in.) x 6.35mm (1/4 in.) coax preparation
- Replaceable blade cartridges
- CAT5e/6 jacket stripping
- Spring loaded for consistent cutting force



Description	Part No.
PrepPRO® Coax/UTP Cable Stripper	45-605
Replacement Coax Cartridge	45-6051
Replacement UTP/STP Jacket Cartridge	45-6052

Adjustable Blade Coax Strippers

- Two and three blade models for prepping coax cables RG-59 to RG-11
- Adjustable blade depth (hex wrench included in handle) for fine calibration to any cable jacket thickness and overall diameter.
- All blades are spaced approximately ¼ in. apart for compatibility with traditional compression or crimp connectors requiring a 6.3mm (¼ in.) x 6.3mm (¼ in.) cable preparation.
- Blades can be adjusted to a no-cut position for most size cables when only a single blade is needed.
- Slider bar offers fast variation in blade depth without need for adjusting the individual hex screws.



Description	Replacement Blade	Part No.
Coax Stripper - 2 Step (Blue cartridge)	45-524	45-526
Coax Stripper - 3 Step (Black cartridge)	—	45-520

Coax Stripmaster® Wire Strippers

- Provides variable stripping lengths
- Knife-type blades feature multiple hole diameters sized for two step removal of outer jacket insulation and center conductor



Description	Part No.
Coax Stripmaster® for RG-6 Coax Cable	45-262
Coax Stripmaster® for RG-59 Coax Cable	45-265

Round Cable Slitting & 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 44.4mm (1.75 in.) O.D.
- Blade adjusts for jacket thicknesses up to 3.1mm (0.125 in.)
- Spare blade in handle base



Description	Replacement Blade*	Part No.
Round Cable Slitting and Ringing Tool	LB-1748	45-144

*2/package

Data T®-Cutter

- Cuts round copper cable and helps maintain cable geometry
- Compact size is smaller and lighter than traditional 228.6mm (9 in.) cable cutters
- Steel reinforced center conductors can be trimmed with bolt cutting holes
- Locking latch keeps tool closed in pouch



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

Electrician's Scissors

- Designed for use in telephone and electrical service applications
- Cut up to 1.5mm² solid and 4mm² stranded wire
- Serrated surface on back blade edge cleans wire and straightens twisted pair conductors
- Stripping notches strip 0.65mm² and 0.26mm² wire
- Chrome over nickel plating



Description	Part 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 35-088, Splicing Knife 35-1091 and Leather Holder



Description	Part No.
Cable Splicing Kit	35-093
Cable Splicing Knife (only)	35-1091

Pro XL Compression Hip Kit

- Cut, strip and terminate compression connectors in one handy professional tool kit.
- For F/BNC/RCA compression



Description	Part No.	
Pro XL Compression Hip Kit	33-793	
Kit Includes:	Qty.	Part No.
OmniSeal™ Pro XL Compression Tool	1	30-793
PrepPRO® Coax (59/6/6Q)/UTP Cable Stripper	1	45-605
Data T®-Cutter	1	45-074
Pouch with Belt Clip	1	—

Feed-Thru RJ-45 Modular Plug Kit

- Plano kit for terminating RJ-45 modular plugs to twisted pair cable.
- Crimps standard, Feed-Thru and shielded CAT5e, CAT6 and CAT6A modular plugs.



Description	Part No.	
Feed-Thru RJ-45 Modular Plug Kit	33-1245	
Kit Includes:	Qty.	Part No.
FT-45™ Feed-Thru Modular Plug Crimp Tool	1	30-495
PrepPRO® Coax/UTP Cable Stripper	1	45-605
Electrician's Scissors	1	35-088
CAT5e Feed-Thru Modular Plugs - 50 Pack	1	85-371
CAT6 Feed-Thru Modular Plugs - 50 Pack	1	85-376

Technician's Service Kit

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



Description	Part No.	
Technician's Service Kit	33-505	
Kit Includes:	Qty.	Part No.
Electrician's Scissors w/Stripping Notches	1	35-088
Probe Pic & Spudger	1	35-473
Punchmaster™ Punchdown Tool w/110 & 66 Blades	1	35-485
7-in-1 Twist-a-Nut™ Screwdriver/Nutdriver	1	35-908
UTP/STP Stripper	1	45-165
Nylon case	1	62-205

Feed-Thru RJ-45 Installation Kit

- Tool installation kit for terminating RJ-45 modular plugs to twisted pair cable
- Crimps standard, Feed-Thru and shielded CAT5e, CAT6 and CAT6A modular plugs.
- Spare slot in pouch to hold 35-485 Punch Down Tool



Description	Part No.	
Feed-Thru RJ-45 Installation Kit	33-507	
Kit Includes:	Qty.	Part No.
FT-45™ Feed-Thru Modular Plug Crimp Tool	1	30-495
PrepPRO® Coax/UTP Cable Stripper	1	45-605
Electrician's Scissors	1	35-088
Pouch with clip	1	-

Twisted Pair Termination Hip Kit

- Tool installation kit for terminating both RJ-45 modular plugs and modular jacks to twisted pair cable
- Crimps standard, Feed-Thru and shielded CAT5e, CAT6 and CAT6A modular plugs.
- Impact punch down tool for 110 data jacks or panels and 66 blocks



Description	Part No.	
Twisted Pair Termination Hip Kit	33-508	
Kit Includes:	Qty.	Part No.
FT-45™ Feed-Thru Modular Plug Crimp Tool	1	30-495
Punchmaster™ II Punch Down Tool		35-485
PrepPRO® Coax/UTP Cable Stripper	1	45-605
Electrician's Scissors	1	35-088
Pouch with clip	1	-

MiniLite-Strip™ Optical Fiber Stripper



- Small strip notch engineered and precision-ground to strip 900 micron or 250 micron buffer coatings from 125 or 140 micron fiber
- Larger round strip notch machined to remove the 3mm outer jacket
- Strip notches pre-set and locked, no field adjustment necessary

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

Stripmaster® Ribbon Fiber Jacket Stripper

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



Description	Part 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 E. I. du Pont de Nemours and Company. Corning® is a registered trademark of Corning, Inc. Frame and blade set sold separately.

Serrated Kevlar® Cutter

- Superior quality high-carbon stainless steel with molybdenum and vanadium provides hard, razor-sharp edges
- Breaker notch cuts jacket and breaks fiberglass in one step
- Textured cushioned-grip handles
- Designed to cut up to 3mm fiber cables

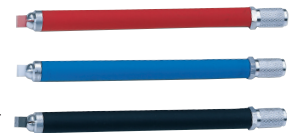


Description	Part No.
Serrated Cutter w/Breaker Notch (Patent pending)	45-344

Note: Kevlar® is a registered trademark of E. I. du Pont de Nemours and Company.

DualScribe™ Double-Ended Fiber Optic Scribes

- Three professional quality blade styles to choose from to meet your specific needs - Ruby, Sapphire, 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	Part No.
Ruby Blade Fiber Optic Scribe (Red Handle)	45-357
Sapphire Blade Fiber Optic Scribe (Blue Handle)	45-358
Carbide Blade Fiber Optic Scribe (Black Handle)	45-359



IDEAL INDUSTRIES, INC.

IDEAL INDUSTRIES AUSTRALIA
17/35 Dunlop Road, Mulgrave VIC 3170, Australia
+61 3 9562 0175 | infoaus@idealindustries.com
www.idealindustries.com.au

