

Visit our website
www.idealindustries.co.uk



Wire Termination



Cable Installation



Lockout/Tagout



Test & Measurement



Datacom/
Network Testers



IDEAL
Electrical Catalogue

IDEAL INDUSTRIES LIMITED

Unit 3, Europa Court, Europa Boulevard, Westbrook, Warrington, WA5 7TN, U.K.
Tel.: +44 (0)1925 44 44 46 • Fax: +44 (0)1925 44 55 01 • Email: electrical.enquiries@idealnwd.com

For complete sales office contact information, visit us at:

www.idealindustries.co.uk

IDEAL, an American Original

We listen, and we deliver products with a purpose.

J. Walter Becker founded IDEAL in 1916 and made a promise that is still an important part of the way IDEAL operates today: "An IDEAL product will provide a value greater than the price paid for it. Service is a part of the product." Becker's founding principle represents our everyday commitment to you. It's the driving force behind our partnerships with the world's leading distributors, a state of the art delivery system, outstanding customer and technical support and variety of operational benefits designed to save time and money.

It means we're proud of the way we do business.

With headquarters located in Sycamore, Illinois, IDEAL also has European operations in the UK, Germany and France.

Today's global economy demands we look at doing business more creatively, more competitively and more efficiently. IDEAL is on the leading edge of product development and design, integrating those ideas through strategic investment, implementation of lean manufacturing and just-in-time inventory. Field-tested and customer influenced design means we are creating some of the most forward thinking product designs in the industry.



IDEAL is with you every step of the way

In-Sure™ & Twister® wire connectors, Yellow 77® wire pulling lubricant, T®-Stripper wire strippers, SignalTEK network testers and SureTrace® & TightSight® electrical testers are products which have found their way into the tool bags of electrical and networking professionals and solidified the IDEAL reputation as a manufacturer of innovative and trustworthy products.

Through ingenuity, proven performance and innovative engineering, IDEAL continues to lead the electrical industry with products that deliver value greater than the price paid for them.



TERMINATION TECHNOLOGY

Designed to exacting European safety standards, IDEAL manufactures a connector that's right for every job – fast, safe, reliable connections every time.



WIRE PULLING LUBRICANT

The No.1 brand of wire pulling lubricant. Environmentally safe, IDEAL lubes provide exceptional lubricity for super-fast cable pulls through conduit and ducting.



LOCKOUT/TAGOUT

IDEAL offers a comprehensive range of electrical lockout/tagout products that provide cost-effective solutions for managing electrical safety and circuit isolation.



TEST & MEASUREMENT

From our innovative SureTrace™ Circuit Tracers to the award winning TightSight® Clamp Meters, IDEAL develops test instruments that do the job faster, safer and easier.



DATACOM/ NETWORK TESTERS

From copper to fibre, twisted pair to coax, IDEAL offers everything you need for the installation, termination, testing and troubleshooting of modern LAN, CCTV and audio/video installations.

TABLE OF CONTENTS

A WIRE TERMINATION

In-Sure™ Push-In Wire Connectors	A-2
In-Sure™ Lever Wire Connectors	A-3
SpliceLine™ In-Line Wire Connectors	A-4
Twister® & WeatherProof® Wire Connectors	A-5
Wire Connector Kits	A-6

B CABLE INSTALLATION

Fish Tapes	B-2
Wire Pulling Lubricants	B-4
Duct Seal & Anti-Oxidant Compound	B-5
Conduit Benders	B-6
Wire Strippers	B-7
Cable Cutters	B-9
Quick Change Screwdriver	B-13
Hand Tools & Hack Saw	B-14

C LOCKOUT/TAGOUT

Lockout/Tagout Kits	C-2
Padlocks & Hasps	C-4
Lockout Devices	C-4
Lockout Devices & Accessories	C-6

D TEST & MEASUREMENT

Selection Guide & Safety	D-2
Clamp Meters	D-3
Multimeters	D-4
Voltage Testers/Light Meter	D-5
SureTrace™ Circuit Tracers	D-6
Digital Circuit Breaker Finder	D-8

E DATACOM/NETWORK TESTERS

LanTEK® II LAN Cable Certifiers	E-2
SignalTEK CT Cable Transmission Tester	E-3
SignalTEK II Network Transmission Testers	E-4
NavITEK II Network Troubleshooters	E-4
VDV II LAN Cable Verifiers	E-5
Fibre Optic Testers	E-6
SecuriTEST™ PRO CCTV Tester	E-7
Network Tester Accessories	E-7
Crimp Tools/Other Testers	E-8
Crimp Tools/Punch Down Tools	E-9
Compression Connectors	E-11
Coax Installation Kits	E-14
Modular Plugs & IDC's	E-15
Cable Strippers	E-16
Cable Splitters/Cutter	E-17





NEW PRODUCTS FROM IDEAL



For almost 100 years IDEAL has served the electrical market and continues to take pride in innovation that delivers unrivalled value, quality and exceptional performance. Engineered specifically for the professional electrician, IDEAL is committed to providing new products that deliver durability, on the job efficiency and safety.

Every IDEAL product is covered by a comprehensive warranty.



NEW
Enhanced
Performance

SURETRACE™ CIRCUIT TRACERS

CertainCircuit™
After you identify and trip the correct breaker, the transmitter senses the loss of power and sends a different signal back to the receiver to give you confidence at the panel that the right circuit was de-energised.



Energised



De-energised



See Page D-6



InSITE
TECHNOLOGY

INSITE® COMPRESSION CONNECTORS

Featuring a 360° clear site window that simplifies the connector to cable installation.



NJX™ COMPRESSION CONNECTORS

offer a high performing, reliable and economical solution designed for applications that do not require weatherproof connectivity.



TLC™ COMPRESSION CONNECTORS,

our simplest, fastest and lowest total cost solution for installing compression connectors. Designed to save Time, Labour and Cost!



See Page E-11



VDV II TESTERS

- Three new Voice-Data-Video verification testers
- New test features including TDR length measurement, Ethernet service detection, PoE solicit and detect with voltage measurement, and more
- New multi remote and identifier accessory packs
- Visit www.vdvii.com for more details



See Page E-5

THERE'S A BETTER WAY TO CUT



BIG KAHUNA™ CABLE CUTTER

Our new series of PowerBlade™ Cable Cutters are engineered to cut cables quickly and efficiently. The Big Kahuna™ is a rock solid PowerBlade™ designed for heavy duty applications involving large diameter cable. The jaw opens up to 89 mm (3.5") and leaves a clean, installation ready cut each and every time. This PowerBlade™ offers superior blade durability that cuts copper and aluminium up to 633 mm² (1250 MCM).



See Page B-10

PowerBlade™750 CABLE CUTTER

With adjustable torque arms, heavy duty gears and state of the art hardened steel blades, IDEAL PowerBlade™ Cable Cutters offer ease of use and unsurpassed performance. The PowerBlade™ 750 is extremely versatile and designed for multiple applications. With a jaw opening of 38 mm (1.5") and specially hardened, rounded blades cable distortion is minimised for professional quality every time. This PowerBlade™ has the ability to cut up to 380 mm² (750 MCM) copper cable and 506 mm² (1000 MCM) aluminium cable.



See Page B-10

**BIG KAHUNA™ CUTS
COPPER AND ALUMINIUM
UP TO 633 MM² (1250MCM)**

**89 MM MAX JAW
OPENING
3.5 "**

**POWERBLADE™ CUTS
COPPER CABLE UP TO
380 MM² (750 MCM)
AND ALUMINIUM UP TO
506 MM² (1000 MCM)**

**38 MM MAX JAW
OPENING
1.5 "**

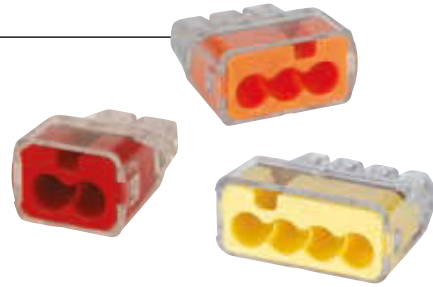


Connectors designed for every application

In-Sure™ Push-In Wire Connectors

The fastest, easiest, push-in connector on the market, the In-Sure™ push-in wire connector can reduce installation time by up to 50% compared to more traditional connection methods.

Our 2, 3 & 4 port connectors are uniquely rated to 32 Amps making them suitable for a broad range of wiring applications. In-Sure™ connectors are the perfect replacement for crimped splices.



In-Sure™ Lever Wire Connectors

The new In-Sure™ lever wire connectors are the perfect solution for joining solid, stranded or flexible conductors. When used with rigid wires there is no need to touch the blue levers because they operate just like standard push-in connectors. Lifting the levers permits fast insertion of flexible wires and the removal of both flexible and rigid wires.

Suitable for use in a wide variety of installation and lighting applications these connectors are available in 2, 3 and 5-port variants that accommodate wires sizes up to 2.5 mm². Featuring a transparent housing that allows visual inspection of the wires and a compact design that takes up less room in junction boxes and enclosures, In-Sure™ lever wire connectors are the versatile all-rounders.

SpliceLine™ Wire Connector

SpliceLine™, a revolutionary in-line wire connector. Utilising patented push-in technology, the unique design provides a crimp-free, solderless butt splice making application easier and faster. The 2-port model supports a wide range of either stranded or solid wires, allowing one connector to cover the same wire range as multiple butt splices.

The end-to-end connection of SpliceLine™ is a great solution for today's pre-fab operations and also makes it perfect for lengthening short wires in tight spaces. It easily passes through standard knock-outs and the transparent polycarbonate allows for visual inspection, assuring a secure connection every time.



Twister® Wire Connectors

Accommodating the majority of common wiring configurations from 0.5mm² - 10.0 mm², the ribbed cap provides a secure grip and swept wings offer extra leverage. A patented square-wire spring provides safe, secure connections. Conforming to BS EN 60998 Twister® wire connectors fully comply with BS 7671:2008 (17th Edition Wiring Regulations).

A cost-effective and flexible solution, Twister® connectors are rated up to 57 Amps, will accept solid and stranded wire and have the added advantage of being re-usable, making them the obvious alternative to terminal blocks.

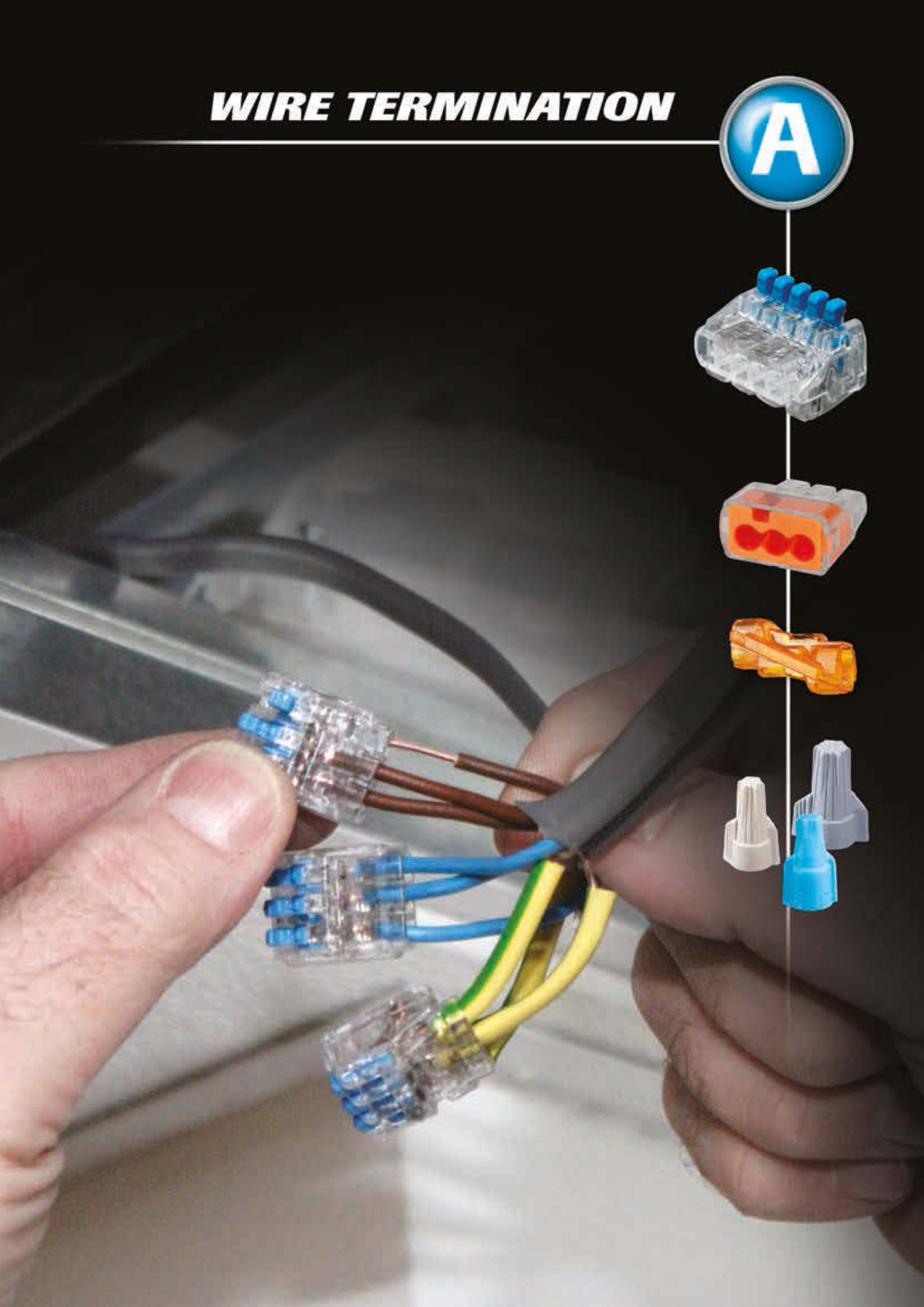
WeatherProof® Wire Connectors

Connected and Protected in one easy step. Designed specifically for above ground, interior/exterior connections exposed to damp/wet and corrosive environments.

Each connector is pre-filled with 100% silicone-based sealant which gives them their IP55 rating. Several models handle a variety of wire sizes from 1.5mm² - 4.0mm², making them ideal for use in gardens, garages and patio areas, as well as in commercial and industrial environments.



WIRE TERMINATION



In-Sure™ Push-In Wire Connectors

The In-Sure™ push-in wire connector can reduce installation time by up to 50% compared to more traditional connection methods such as terminal blocks. In-Sure™ connectors are the perfect replacement for crimped splices. In addition the most popular 2, 3 & 4 port models are rated to 32 Amps.

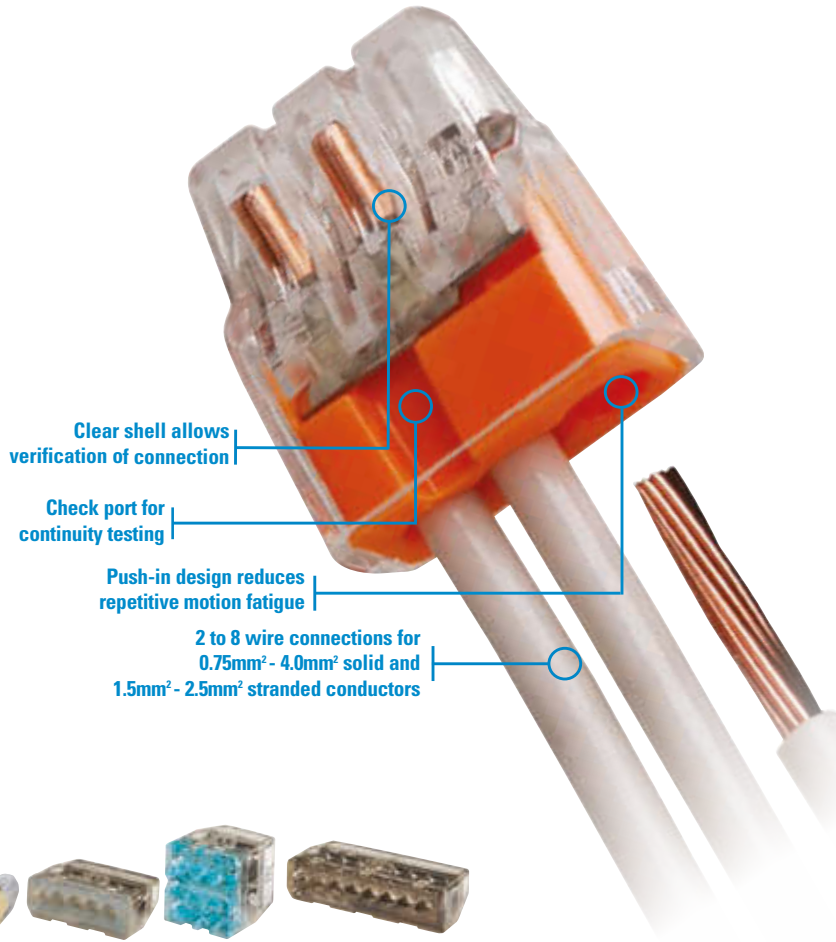
- Fits any combination of 0.75mm² - 4.0mm² solid or 1.5mm² - 2.5mm² stranded (≤ 7 strands) copper conductors or tin bonded flexible wire
- 32 Amp rating on 2, 3 and 4 port models
- High quality, secure connections
- Clear shell allows verification of connection
- Ergonomic design for easy grip and comfort
- Low insertion force for fast connections
- Continuity test port
- Colour coded for easy identification
- BS 7671:2008 (17th Edition) compliant
- Conform to EN 60998-1 and EN 60998-2-2 connecting device standards

Strip, Push, Connect
The Fastest Way To Make A Connection

Push-In

FAST FACT:

The In-Sure™ Push-In has a low insertion force for fast, easy connections. Great for junction boxes.



Specifications

	Model 32 Red 2-Port	Model 33 Orange 3-Port	Model 34 Yellow 4-Port	Model 87 Grey 5-Port	Model 88 Blue 6-Port	Model 90 Black 8-Port
Rating	32 Amp / 450V / 105°C maximum			24 Amp / 450V / 105°C maximum		
Depth	19.81 mm			18.52 mm	18.52 mm	18.21 mm
Width	13.21 mm	17.53 mm	20.83 mm	23.03 mm	15.32 mm	35.03 mm
Height	9.65 mm			9.02 mm	15.42 mm	9.02 mm
Wire Combination Range	Solid wire	0.75mm ² to 4.0mm ²		0.75mm ² to 4.0mm ²		
	Stranded wire*	1.5mm ² to 2.5mm ²		1.5mm ² to 2.5mm ²		

* Stranded wire is limited to ≤ 7 strand

Ordering Information

Model	Colour	Ports	Quantity	Cat. No.
32	Red	2	Box of 100	30-1032
33	Orange	3	Box of 100	30-1033
34	Yellow	4	Box of 100	30-1034
87	Grey	5	Box of 50	30-087
88	Blue	6 Stacked	Box of 50	30-088
90	Black	8	Box of 50	30-090

COPPER TO COPPER ONLY. Do not use on aluminium.



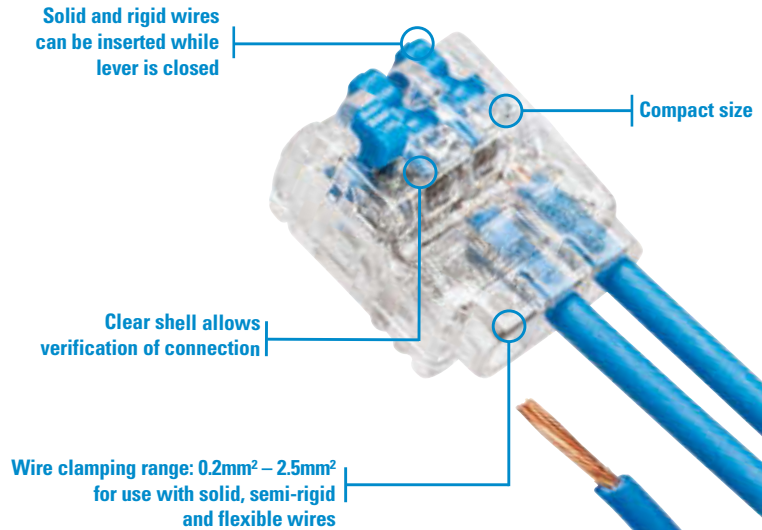
In-Sure™ Lever Wire Connectors

The In-Sure™ lever wire connectors provide the perfect solution for joining solid, stranded or flexible conductors.

These versatile connectors have a compact design that takes up less room in junction boxes and enclosures.

- Releasable connector for solid, stranded and flexible wires
- Wire clamping range: 0.2mm² – 2.5mm²
- Modern alternative to traditional strip connectors
- Safe, reliable and re-useable
- Works just like a standard push-in connector with solid and rigid stranded wires
- Clear shell allows verification of connection
- Continuity check port
- Strip length guide
- Compact design suits tight spaces
- No screwdriver required
- BS 7671:2008 (17th Edition) compliant
- Conform to EN 60998-1 and EN 60998-2-2 connecting device standards

Solid, Stranded or Flex
The Versatile All-Rounder



Lever

FAST FACT:

The In-Sure™ Lever Connectors are ideal in lighting applications where you may have to join solid and flexible wires together.



Specifications

	Model 52 2-Port	Model 53 3-Port	Model 55 5-Port
Rating	24 Amp / 450V / 120°C		
Depth	21 mm		
Width	11.9 mm	16.1 mm	24.5 mm
Height	11.7 mm		
Wire Combination Range	Solid, Rigid Stranded and Flexible Wires 0.2mm ² -2.5mm ²		

Ordering Information

Model	Ports	Quantity	Cat. No.
52	2	Box of 40	30-1052
53	3	Box of 40	30-1053
55	5	Box of 30	30-1055
59	Mixed	Combo Box: 10 x 2-port 10 x 3-port 10 x 5-port	30-1059



SpliceLine® In-Line Wire Connectors

The SpliceLine® in-line wire connector provides a crimp-free, solderless butt splice. Conforming to BS 7671:2008, the two-port model accepts up to 4.0mm² solid wire, allowing one connector to do the job of multiple through-crimps. Its end-to-end connection is also a great solution for pre-fab operations.

- 32A rating
- Tool-free, push-in through crimp
- Easily passes through standard knockouts
- End-to-end connection ideal for pre-fab operations
- Transparent polycarbonate window for visual inspection of connection
- Wide wire range of: 0.5mm² to 4.0mm² solid
- BS 7671:2008 (17th Edition) compliant
- Conform to EN 60998-1 and EN 60998-2-2 connecting device standards

A Faster Butt Splice
A Better Butt Splice

Transparent polycarbonate shell allows for visual inspection of connection

Check port for continuity testing

Accepts solid or stranded* wire

Slim design fits through standard knockouts



Scan for product video

SpliceLine® IN-LINE WIRE CONNECTORS

FAST FACT:

Perfect for lengthening short wires, the SpliceLine® is 3X faster than traditional butt-splices.



Model	Colour	Rating	Wire Range	Quantity	Cat. No.
42	Orange	32A 450V 105°C	Solid: 0.5mm ² - 4.0mm ² Stranded*: 1.0mm ² - 2.5mm ²	Bag of 10	30-1342S
				Box of 100	30-1042

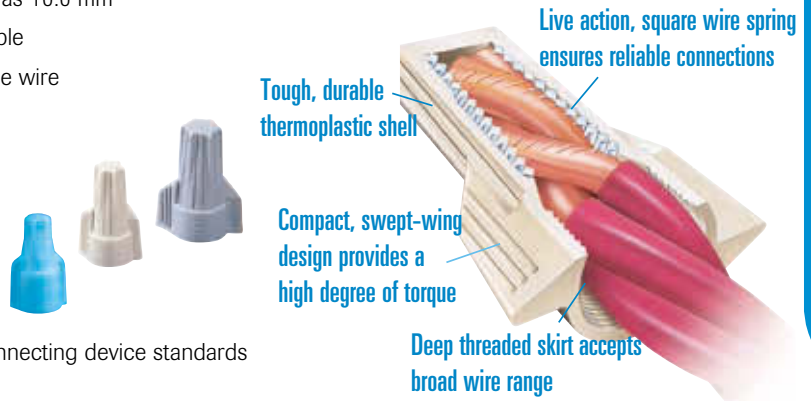
* Stranded wire is limited to ≤ 7 strands



Twister® Wire Connectors

The No.1 twist-on wire connector. The Twister® easily handles the most common wiring tasks. A patented, expanding square-wire spring always ensures a quick, safe connection.

- Exceptional wire-range capacity – three colour-coded models handle wire combinations from as small as 0.5 mm² to as large as 10.0 mm²
- Accept solid, stranded and flexible wires and are reusable
- Swept wings offer extra leverage and less effort for large wire combinations
- Live-action, square-wire spring locks onto wire for safe, secure connections
- Deep skirt helps protect against flash-over and turned-back strands for maximum dielectric protection
- Cost effective replacement for terminal blocks
- BS 7671:2008 (17th Edition) compliant
- Conform to EN 60998-1:2004, EN 60998-2-4:2005 connecting device standards



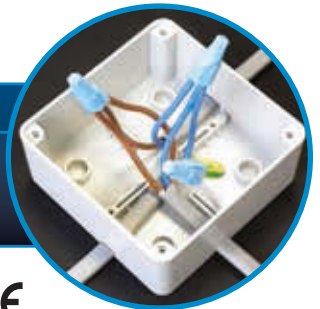
Wire Connectors

Model	Colour	Wire Combination Range (mm)	Quantity	Cat. No.
340®	Lt. Blue	32A / 450V 0.5mm ² to 4.0mm ² Min. 2 x 0.5mm ² Max. 2 x 4.0mm ²	Box of 100	30-340
341®	Tan	41A / 600V 0.5mm ² to 6.0mm ² Min. 3 x 0.5mm ² Max. 2 x 6.0mm ²	Box of 100	30-341
342®	Grey	57A / 600V 2.5mm ² to 10.0mm ² Min. 3 x 2.5mm ² Max. 2 x 10.0mm ²	Box of 50	30-342
344®	Red/Yellow	32A / 600V 0.5mm ² to 4.0mm ² Min. 3 x 0.5mm ² Max. 4 x 4.0mm ²	Box of 50	30-144

Twister®

FAST FACT:

The small profile of the Model 340 Twister® means it easily fits inside standard connector enclosures.



WeatherProof® Wire Connectors

Designed specifically for above ground, interior/exterior connections exposed to damp/wet and corrosive environments.

WeatherProof® connectors are pre-filled with a non-hardening, silicone-based sealant that protects against moisture and corrosion.

- Silicone-based sealant protects against moisture and corrosion
- IP55 rated for use in damp/wet locations
- Easy to apply, pre-filled twist-on wire connectors
- Accept solid and stranded wire
- Handle wire sizes from 1.5mm² to 4.0mm² copper conductors
- Tough, UL 94V-2 flame-retardant shell rated at 105°C (221°F)
- BS 7671:2008 (17th Edition) compliant
- Conform to EN 60998-1:2004, EN 60998-2-4:2005 connecting device standards

Connected and Protected

Damp/Wet Above Ground Locations



WeatherProof®

FAST FACT:

The silicone-based sealant protects electrical connections, eliminating the need for heat-shrink or water-proof enclosures in many applications.



WeatherProof® Wire Connectors

Model	Colour	Wire Combination Range (mm ²)	Quantity	Cat. No.
61	Grey/Orange	1.5mm ² to 2.5mm ² Min. 1 x 1.5mm ² / Max. 2 x 2.5mm ²	Card of 25	30-1161
62	Grey/Red	1.5mm ² to 4.0mm ² Min. 2 x 1.5mm ² / Max. 4 x 4.0mm ²	Card of 20	30-1162
63	Grey/Dr. Blue	2.5mm ² to 4.0mm ² Min. 3 x 2.5mm ² / Max. 6 x 4.0mm ²	Card of 15	30-1163

Wire Connector Kits

IDEAL offers a range of wire connector kits comprising of In-Sure™ Push-In, SpliceLine® In-Line, In-Sure™ Lever Wire, Twister® and WeatherProof® wire connectors.

These kits meet the needs of today's modern electricians who demand quality products that satisfy the requirement to make safe and reliable connections of wires in a variety of wiring applications.

Ordering Information for kits

Model	Description	Qty.	Cat. No.
	32A Push-In Connector Installer Kit	30 x 2-port push-in 30 x 3-port push-in 30 x 4-port push-in 30 x SpliceLine®	30-5011EU
	In-Sure™ Push-In Connector Premium Kit	50 x 2-port push-in 50 x 3-port push-in 50 x 4-port push-in 40 x 5-port push-in 20 x 6-port push-in 15 x 8-port push-in 30 x Twister® 341 (FOC)	30-5020EU
	In-Sure™ Push-In Connector Starter Kit	30 x 2-port push-in 30 x 3-port push-in 30 x 4-port push-in 20 x 6-port push-in	30-5021EU
	Push-In & Lever Wire Connector Kit (80 pcs.)	10 x 2-port lever connector 10 x 3-port lever connector 5 x 5-port lever connector 10 x 2-port push-in 10 x 3-port push-in 10 x 4-port push-in 10 x 6-port push-in 15 x 2-port SpliceLine®	30-5005EU
	Push-In & Lever Wire Connector Premium Kit (240 pcs.)	30 x 2-port lever connector 40 x 3-port lever connector 20 x 5-port lever connector 30 x 2-port push-in 30 x 3-port push-in 20 x 4-port push-in 15 x 5-port push-in 15 x 6-port push-in 10 x 8-port push-in 30 x 2-port SpliceLine®	30-5006EU
	Twister® & WeatherProof® Connector Premium Kit	40 x Twister® 340® 40 x Twister® 341® 25 x Twister® 342® 25 x Twister® PRO 344® 20 x WeatherProof® 61 12 x WeatherProof® 62 12 x WeatherProof® 63	30-5000EU
	Twister® & WeatherProof® Connector Starter Kit	30 x Twister® 340® 30 x Twister® 341® 15 x Twister® PRO 344® 15 x WeatherProof® 62	30-5001EU



CE

CABLE INSTALLATION

B



Tuff-Grip™ Pro... Industry's Leading Fish Tape!



**Length marked!
Now laser etched
in 12" increments
to provide instant
conduit length.**

Etched in (12") increments to provide instant conduit length.

Tuff-Cuff™ tape retaining feature keeps tape properly positioned in the opening.

Full-perimeter handle band helps keep dirt and moisture out, prolonging life.



Tuff-Grip™ Handle Large, comfortable ergonomically-designed, grasp from the top or side. Allows for use with gloves.

Superior pull-out and rewind characteristics.

Exceptionally Durable Case and Handle

Fish Tapes



Fish Tape Materials

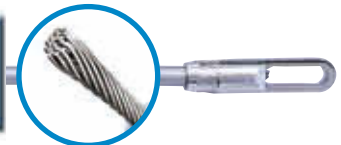
Blued Steel™



- Laser etched in 12" increments to provide instant conduit length
- Unique finish is non-oily and resists rust
- Multiple options in width, length and eyelet for ease of use

- Industry's straightest wire
- Stiffer for long runs
- Highest grade carbon steel
- Tensile strength 725 kg (1,600 lbs.)

Zoom™



- 19 strands of stainless steel
- Ultra hard nylon jacket adds slipperiness, protects cables and user's hands
- Excellent for corrugated plastic conduit

19 strand twisted radial steel core encased in high molecular density outer jacket.

- Excellent for multiple bends or wet/corrosive work environment

Volt-Guard



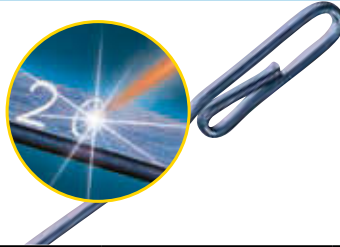
- Non-conductive to 1000V
- Rectilinear profile for superior pushing power

- Designed for use around live circuits

Blued Steel™

Blued-Steel™ Fish Tapes

- Laser etched in 12" increments to provide instant conduit length
- High column strength for longer runs
- Non-oily finish resists rust



Length (m/ft.)	Width & Thickness mm / in	Case Diameter	End Type	Tuff-Grip™ Pro
Blued Steel™				
18 / 60	3.2 x 1.5 / 1/8 x .060	30 cm / 12 in.	Formed hook	31-055
36 / 120	3.2 x 1.5 / 1/8 x .060	30 cm / 12 in.	Formed hook	31-056
73 / 240	3.2 x 1.5 / 1/8 x .060	30 cm / 12 in.	Formed hook	31-057

Zoom™

Zoom™ Fish Tapes

- Great for hard to navigate conduit with multiple bends
- Nylon jacket protects the steel core while adding to the slipperiness of Zoom™

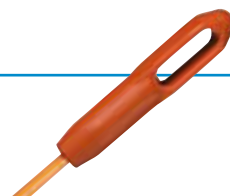


Length (m/ft.)	Width & Thickness mm / in.	Case Diameter	End Type	Tuff-Grip™ Pro
Zoom™ Nylon Jacketed Stainless Steel				
15 / 50	4.8 / 3/16 diameter	30 cm / 12 in.	Eyelet	31-090
30 / 100	4.8 / 3/16 diameter	30 cm / 12 in.	Eyelet	31-092

Volt-Guard

Volt-Guard Fish Tapes

- Non-conductive up to 1000V
- Elliptical design gives the Volt-Guard greater pushing power



Length (m/ft.)	Width & Thickness mm / in.	Case Diameter	End Type	Tuff-Grip™ Pro
Fiberglass				
18 / 60	4.8 x 2.4 / .1875 x .094	30 cm / 12 in.	Eyelet	31-542
36 / 120	4.8 x 2.4 / .1875 x .094	30 cm / 12 in.	Eyelet	31-544

Aqua-Gel® II Cable Pulling Lubricant

- Polymer-based formula provides maximum tension reduction in high-stress electrical and communication cable-pulling operations
- Compatible with all cable types except composite rubber
- Cleans up easily with soap and water
- Clings to cable throughout long pulls
- Remains stable over wide temperature range – usable from -2°C to 88°C (28°F to 180°F)
- Dries to a semi-fluid film that won't clog conduit
- Easy to apply by hand, brush or pump
- Environmentally safe – non-toxic, non-flammable and non-corrosive
- Suitable for indoor or outdoor use



Description	Cat. No.
0.95 litre / 1-qt. Squeeze bottle	31-378

ClearGlide™ Wire Pulling Lubricant

- Clear and colourless for quick and easy clean-up – great for indoor and retrofit pulls
- Exceptional lubricity for super-fast pulls
- Polymer-based formula is perfect for all electrical and datacom applications
- Safe to use with all cable types
- Controlled evaporation rate is ideal for shorter runs
- Remains stable over wide temperature ranges – usable from -1°C to 82°C (30°F to 180°F)
- Dries to a semi-fluid film that won't clog conduit
- Easy to apply by hand, brush or pump
- Environmentally safe – non-toxic, non-flammable and non-corrosive



Description	Cat. No.
0.95 litre / 1-qt. Squeeze bottle	31-388

Wire Pulling Lubricant Selection Guide



	ClearGlide™ Wire Pulling Lubricant	Yellow 77® Wire Pulling Lubricant	Aqua-Gel® II Wire Pulling Lubricant
Colour	Clear	Yellow	Blue
Base	Polymer	Wax	Polymer
Average Coefficient of Friction*	0.23	0.17	0.19
Pull Length Up To	75 ft/22 m	1,200 ft/365 m	250 ft/76 m
Retains Pull Characteristics Up To	8 hours	24 hours	24 hours
Stability Range	32°F – 180°F (0°C – 82°C)	32°F – 130°F (0°C – 54°C)	32°F – 180°F (0°C – 82°C)
Application Temperature Range	40°F – 100°F (4°C – 38°C)	40°F – 100°F (4°C – 38°C)	40°F – 100°F (4°C – 38°C)
COMPATIBILITY (Cable Types):			
Rubber	•	•	•
Neoprene	•	•	•
Nylon	•	•	•
PVC	•	•	•
High-density or Cross-linked Polyethylene	•	•	•
Low-density Polyethylene	•	•	•
Semiconducting Jacket	•	•	•
Hypalon	•	•	•

*Results from NEETRAC, an independent testing laboratory affiliated with The Georgia Institute of Technology.

Yellow 77® Wire Pulling Lubricant

The no. 1 brand of wire pulling lubricant since 1959.

- The perfect general purpose lube
- Wax-based formula provides superior lubricity
- Safe to use with most cable types except low-density polyethylene and semi-conducting jackets
- Clings to cable throughout long pulls, even where moisture is present
- Won't break down or separate after repeated exposure to freezing temperatures
- Dries to a thin, non-conductive film
- Easy to apply by hand or brush
- Creamy texture applies easily and uniformly
- Homogeneous blend requires no mixing
- Won't dry out – surface coat forms to control evaporation
- Environmentally safe – non-toxic, non-flammable and non-corrosive



Description	Cat. No.
0.95 litre / 1-qt. Squeeze bottle	31-358
3.79 litre / 1-gal. Bucket	31-351
18.93 litre / 5-gal. Bucket	31-355

Duct Seal

- Seals around junction boxes, flashings and service entrances
- Permanently soft, non-toxic compound can be painted immediately after application
- Won't adversely affect other plastic materials or corrode metals



Description	Cat. No.
0.45 kg / 1 lb. Block	31-601
2.27 kg / 5 lb. Block	31-605

Selection & Application Guide



Web Based Selection & Application Guide:
<http://ideal.sdafiles.com>

Noalox® Anti-Oxidant

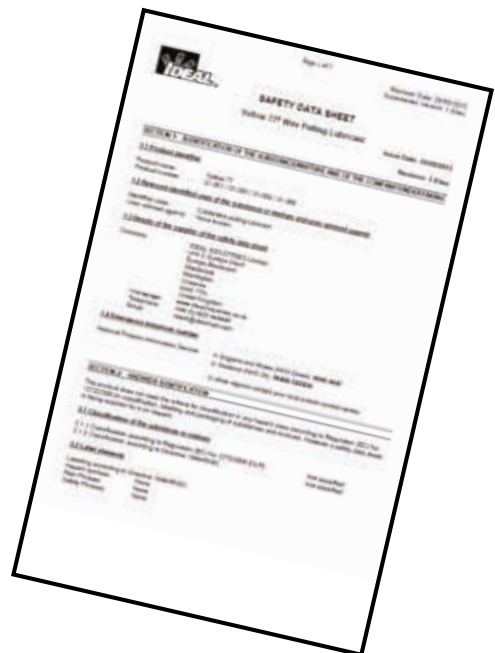
- Anti-oxidant and anti-seizing compound improves efficiency and service life of aluminium-to-aluminium and aluminium-to-copper electrical connections
- Suspended zinc particles penetrate and cut aluminium oxide
- Provides additional inter-strand and inter-conductor current paths for improved conductivity and cooler connections
- Carrier material excludes air to prevent further oxidation
- For use with all types of pressure-type wire connectors including screw-on, tap, service entrance and split-bolt
- Reduces galling and seizing and promotes good ground continuity on aluminium conduit joints



Description	Cat. No.
15 ml / 0.5 oz. Tube	30-024
118 ml / 4-oz. Squeeze bottle	30-026

For a Material Safety Data Sheet on Noalox® and other products check out:

<http://www.idealindustries.co.uk/support/msds/>



Duct Seal/Anti-Oxidant

Conduit Benders

- Exceptionally durable materials for extra strength
- Reinforced at stress points for longer life
- Markings are raised and cast into the bender body on both sides for easy visibility
- Deeply serrated step helps prevent slippage when applying force
- Grooved internal hook surface helps prevent conduit from slipping
- Flat hook surface provides stable starting point
- Much lower cost than stand mounted benders
- Takes up minimal space in vehicle
- Simple to use with no set-up required

Ductile Iron

- Withstands a lifetime of heavy use
- Ductile iron material is stronger than malleable iron or aluminium



Ductile Iron Head & Handle Complete

Conduit Type and Size	Cat. No.
20 mm / 3/4 in. steel conduit	74-027
25 mm / 1 in. steel conduit	74-028

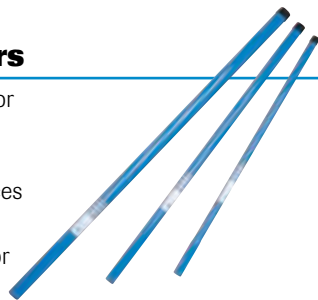
Ductile Iron Head Only

Conduit Type and Size	Cat. No.
20 mm / 3/4 in. steel conduit	74-002
25 mm / 1 in. steel conduit	74-003



Handles for Benders

- Rugged, steel construction for long-term durability
- Baked-on blue enamel finish resists corrosion and enhances visibility
- Convenient bending guide for offset bends



Conduit Type and Size	Cat. No.
20 mm / 3/4 in. steel conduit	74-019
25 mm / 1 in. steel conduit	74-020



Scan for product video



BenderBoot™

- Santoprene® tread and hand grip provides support for saddle and offset bends
- Easy push-on assembly to 1/2 in. and 3/4 in. bender handles



Description	Cat. No.
BenderBoot™	H-4076

Santoprene® is a registered trademark of Exxon Mobil



T[®]-Stripper Wire Strippers

Invented by IDEAL INDUSTRIES and manufactured at our facility in Sycamore, Illinois, USA, the T[®]-Stripper Wire Stripper line has been the industry standard for almost 50 years.

Compact, lightweight and easy to use. Features precision-ground, knife-type blades, built-in looping holes, wire cutters and a convenient plier nose.



- Form-ground, knife-type blades for accurate, easy stripping without nicking insulation
- Built-in wire cutter and looping holes
- Convenient plier nose for extra gripping strength
- Laser-etched wire gauge for easy-to-read visibility
- Spring-loaded automatic opening
- Corrosion-resistant, black oxide finish
- Tough steel construction

Description	Solid	Stranded	Cat. No.
T [®] -Stripper Wire Stripper – Metric	0.75-6.0mm ²		45-120-341
T [®] -Stripper Wire Stripper – Metric	0.5-4.0mm ²		45-125-341

Lil' Ripper Stripper™



- Rips Twin & Earth outer jacket cleanly and quickly
- Clips outer sheathing to remove excess jacket
- Strips inner conductor wires
- Looping holes loop wire for screw-on connections
- Twist-Assist™ tightens most popular sizes of winged twist-on connectors
- Injection moulded elastomer grip provides a comfortable, slip resistant grip
- Strip length measuring scale allows for quick and easy measurements
- Conveniently fits in your pocket

Description	Cat. No.
Lil' Ripper Stripper™	45-025

Reflex™ Premium T[®]-Stripper Wire Strippers



- Ergonomic design for maximum comfort
- Curved handles reduce wrist fatigue
- Sleeves extend to stripping head to cushion thumb and fingers
- Textured, no-slip sleeves provide a sure, easy grip

Description	Solid	Stranded	Cat. No.
Reflex™ Premium T [®] -Stripper – Metric	0.5mm ² -4.0mm ²		45-425-341

7-in-1 Stripper



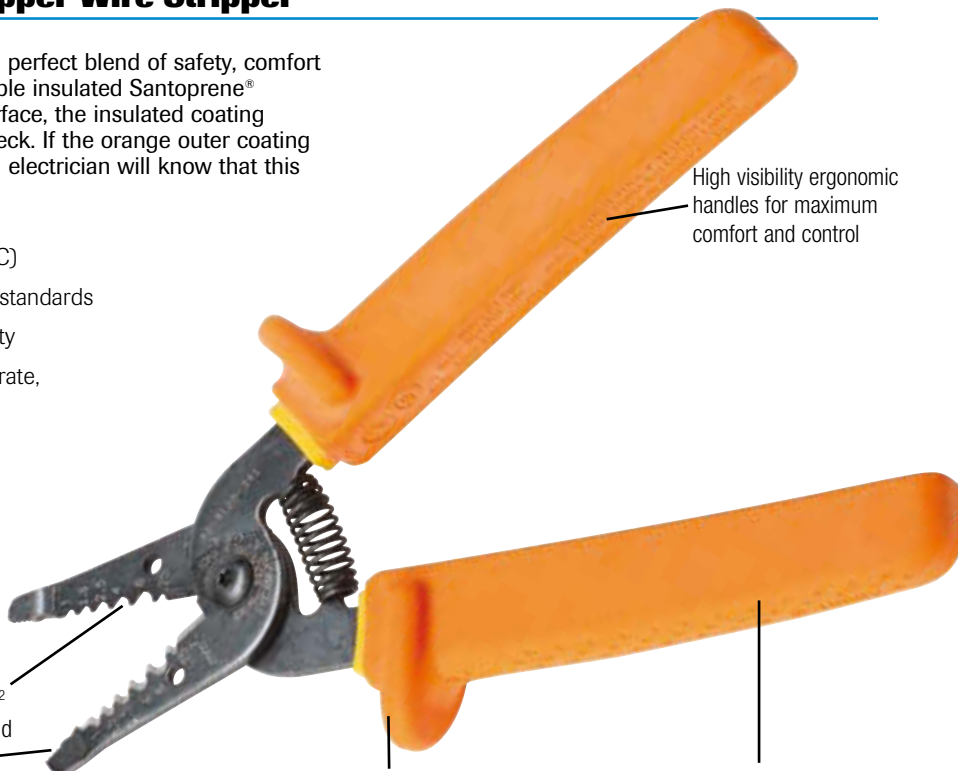
- Versatile, seven-function tool features precision-ground stripping blades, cushioned grips and plier nose
- Strips 1.5mm² - 6.0mm² solid and 0.5mm² - 4.0mm² stranded wire (AWG equivalents)
- Crimps bare and insulated terminals from 0.5mm²-5.0mm² wire, RG-59 coax connectors and 7 to 8mm auto ignition connectors
- Cuts unhardened wire, bolts and screws and reforms threads
- Reams and de-burrs conduit
- Gauges and loops wire

Description	Cat. No.
7-in-1 Stripper	45-777

Premium Insulated T[®]-Stripper Wire Stripper

The IDEAL insulated T[®]-Stripper creates a perfect blend of safety, comfort and precision functionality. Featuring double insulated Santoprene[®] handles with a soft, easy-to-grip outer surface, the insulated coating process acts as an 'at-a-glance' safety check. If the orange outer coating reveals any of the inner yellow surface, an electrician will know that this tool needs to be replaced.

- 1000 Volt certified (1000V AC, 1500V DC)
- Meets IEC 60 900 and ASTM F1505-01 standards
- Double insulated handles for added safety
- Form-ground, knife-type blades for accurate, easy stripping without nicking insulation
- Built-in wire cutter and looping holes
- Convenient plier nose for extra gripping strength
- Laser-etched wire gauge for easy-to-read visibility
- Spring-loaded automatic opening
- Corrosion-resistant, black oxide finish
- Locking tabs keep spring in place



High visibility ergonomic handles for maximum comfort and control

0.75mm² to 6.0mm² stripping notches and plier gripping nose

Non-slip guard for added safety

Textured handles provide a sure grip and are resistant to perspiration, water, oil and chemicals

Description	Cat. No.
Premium T [®] -Stripper Wire Stripper - Metric 0.75mm ² -6.0mm ²	45-9120-341

Stripmaster[®] Wire Stripper

- One-step stripping enhances productivity
- Spring-action motion increases leverage and reduces operator fatigue
- Precision-ground, knife-type blades provide clean, accurate stripping
- Sturdy die-cast frame provides long-term durability
- Wire gripper holds wire securely in position



Knife-Type Blades for Metric Wire

Wire Size mm ²						Cat. No.
0.75 mm ²	1.0 mm ²	1.5 mm ²	2.5 mm ²	4.0 mm ²	6.0 mm ²	45-292-341

Twin & Earth Cable Stripper



- Self-adjusting stripping blades automatically select proper position
- Strips Twin and Earth cable
- Open-throat construction allows unlimited strip length
- Neatly removes outer cable sheath and inner wire sheathing to desired lengths
- Lightweight, ergonomic design reduces user fatigue

Description	Cat. No.
Twin & Earth Cable Stripper	45-235

T[®]-Cutter Wire Cutter



- Hardened steel, sheer-type blades
- Spring-loaded automatic opening
- Convenient plier nose for extra gripping strength
- Corrosion-resistant, black oxide finish
- Tough steel construction
- Locking tab keeps spring in place

Description	Cat. No.
T [®] -Cutter Wire Cutter	45-123

Long-Arm Cable Cutter



- High strength forged blades for ultimate durability
- Precision-ground jaws make clean cuts with minimal cable distortion
- Replaceable blades
- 1000 MCM (29.3 Dia.)
- For copper and aluminium only

Description	Length	Cat. No.
Long-Arm Cable Cutter	810 mm/32"	35-033

CAUTION: Comfort-grip handles are not designed for protection against electrical shock. Do not use on live circuits.

Data T[®]-Cutter Wire Cutter

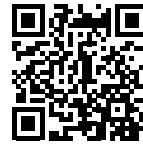


- Cuts round communication cable and maintains cable geometry for better cable performance
- Cuts multi-pair cable up to 12.7 mm (0.5 in.) and coaxial cable up to RG-9/U
- Suitable for soft cables (not steel reinforced)
- Steel reinforced centre conductors can be trimmed with bolt cutting holes
- Cushioned comfort grip handles
- Locking latch keeps tool closed in pouch

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

PowerBlade™ Cable Cutter

The new series of IDEAL Cable Cutters are designed to cut cables quickly and efficiently. With adjustable torque arms, heavy-duty gears and proprietary hardened steel blades, they deliver unsurpassed performance, ease-of-use and durability. Compatible with virtually any 12 volt or higher drill so that cutting is as effortless as pulling the drill's trigger. The unique compact design is the perfect tool for fitting into tight spaces. Features an ergonomic design and non-slip grips, helping you cut cable easily and safely.



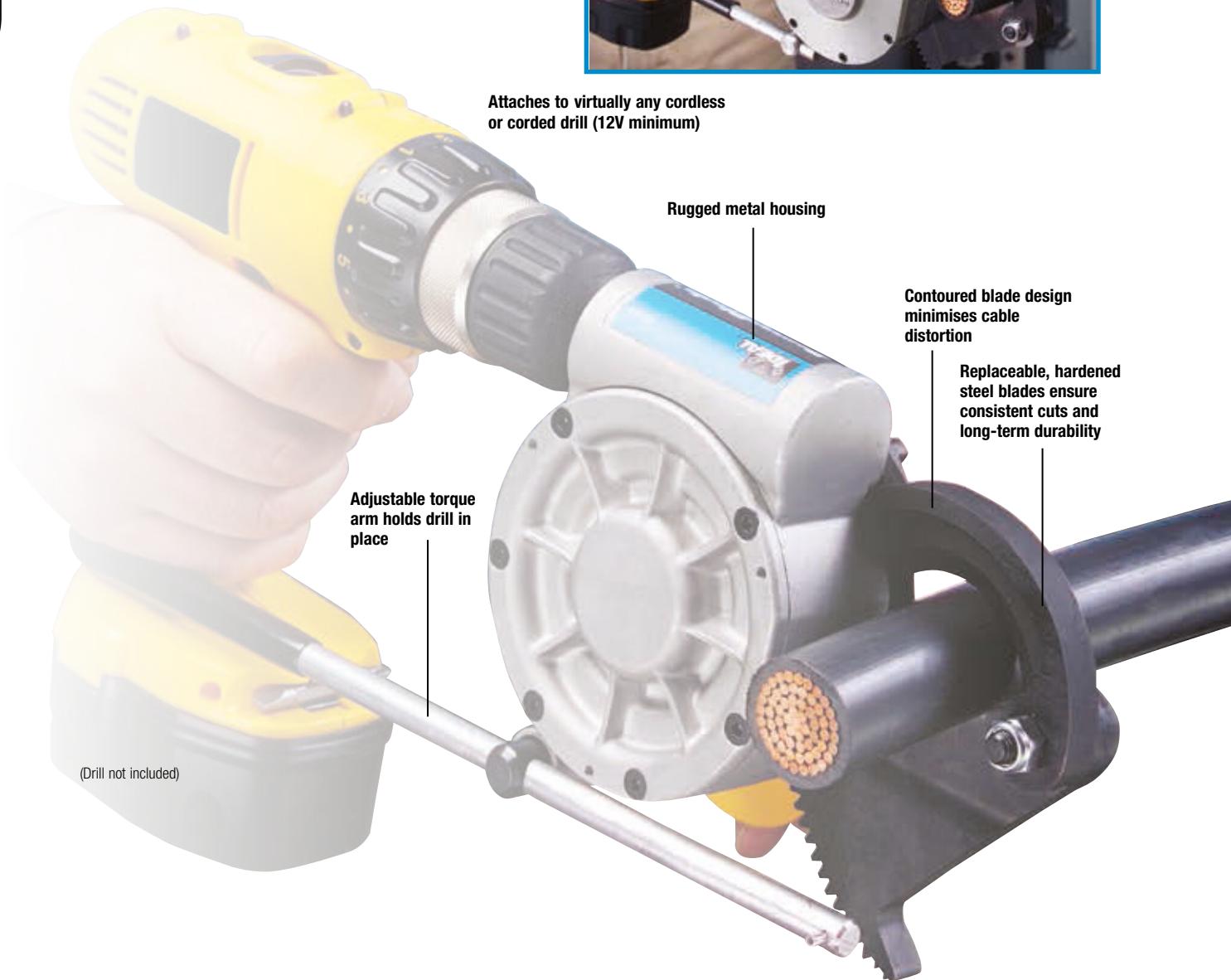
Scan for product video

Description	Cat. No.
PowerBlade™ 750 Cable Cutter	35-078
Big Kahuna™ Cable Cutter	35-076

Not designed to cut SWA cable.



Attaches to virtually any cordless or corded drill (12V minimum)





BIG KAHUNA™
C A B L E C U T T E R



(Drill not included)

- Extremely versatile and designed for multiple applications
- Jaw opening of 3 1/2 inches (89mm)
- Cuts copper cable up to 633 mm² (1250 MCM) and aluminium cable up to 633 mm² (1250 MCM)
- Specially hardened, rounded blades minimise cable distortion for professional quality every time

CUTS COPPER UP TO 633 MM² (1250MCM) & ALUMINIUM UP TO 633 MM² (1250MCM)

89 MM (3 1/2")

MAX JAW OPENING

Scan for product video



Cable Cutters

PowerBlade™ 750
C A B L E C U T T E R



(Drill not included)

- Extremely versatile and designed for multiple applications
- Jaw opening of up to 1 1/2 inch (38mm).
- Cuts copper cable up to 380 mm² (750 MCM) and aluminium cable up to 506 mm² (1000 MCM)
- Specially hardened, rounded blades minimise cable distortion for professional quality every time

38 MM (1 1/2")

MAX JAW OPENING

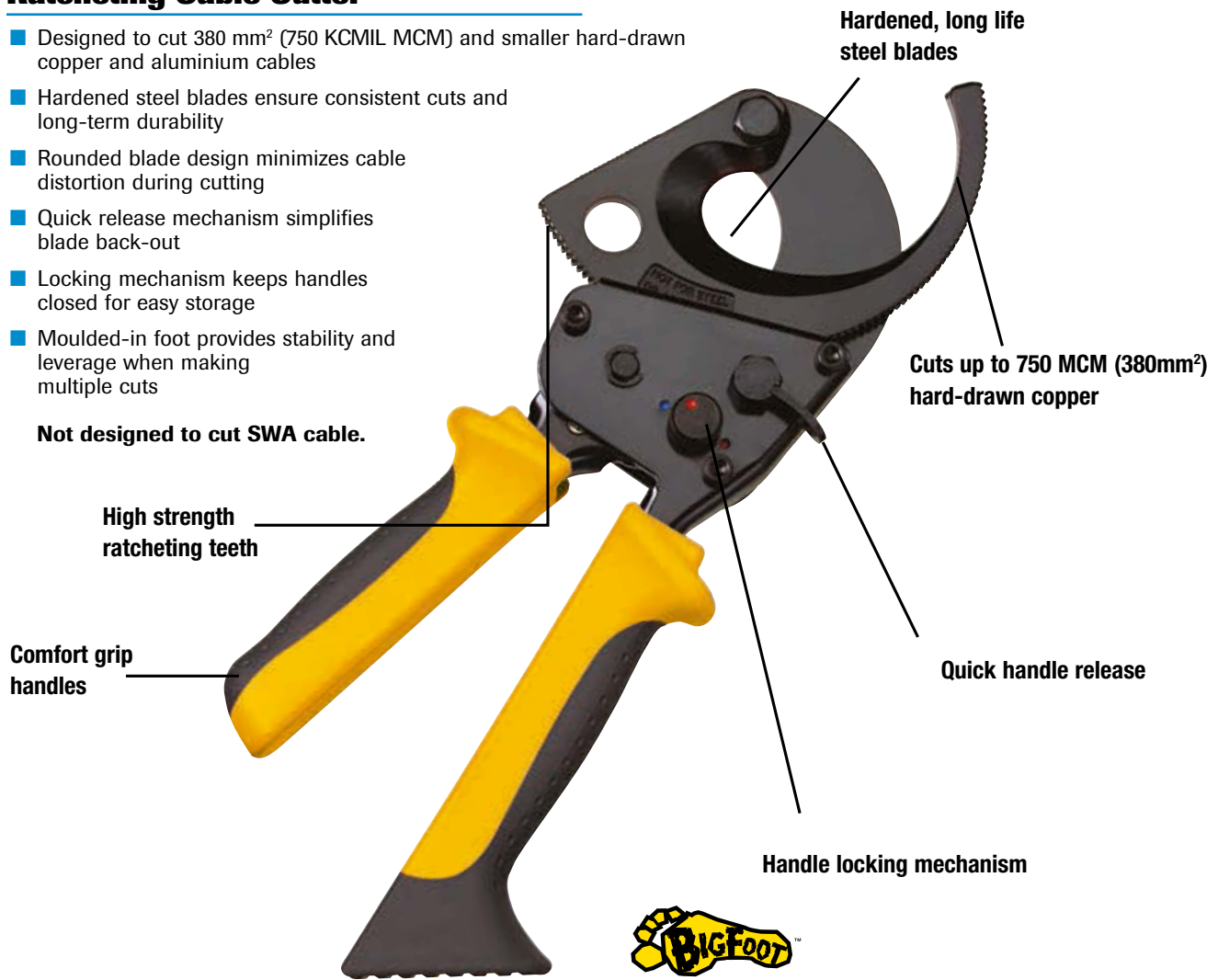


Ratcheting Cable Cutter

- Designed to cut 380 mm² (750 KCMIL MCM) and smaller hard-drawn copper and aluminium cables
- Hardened steel blades ensure consistent cuts and long-term durability
- Rounded blade design minimizes cable distortion during cutting
- Quick release mechanism simplifies blade back-out
- Locking mechanism keeps handles closed for easy storage
- Moulded-in foot provides stability and leverage when making multiple cuts

Not designed to cut SWA cable.

Cable Cutters



Description	Cat. No.
750 KCMIL (MCM) Ratcheting Cable Cutter*	35-053

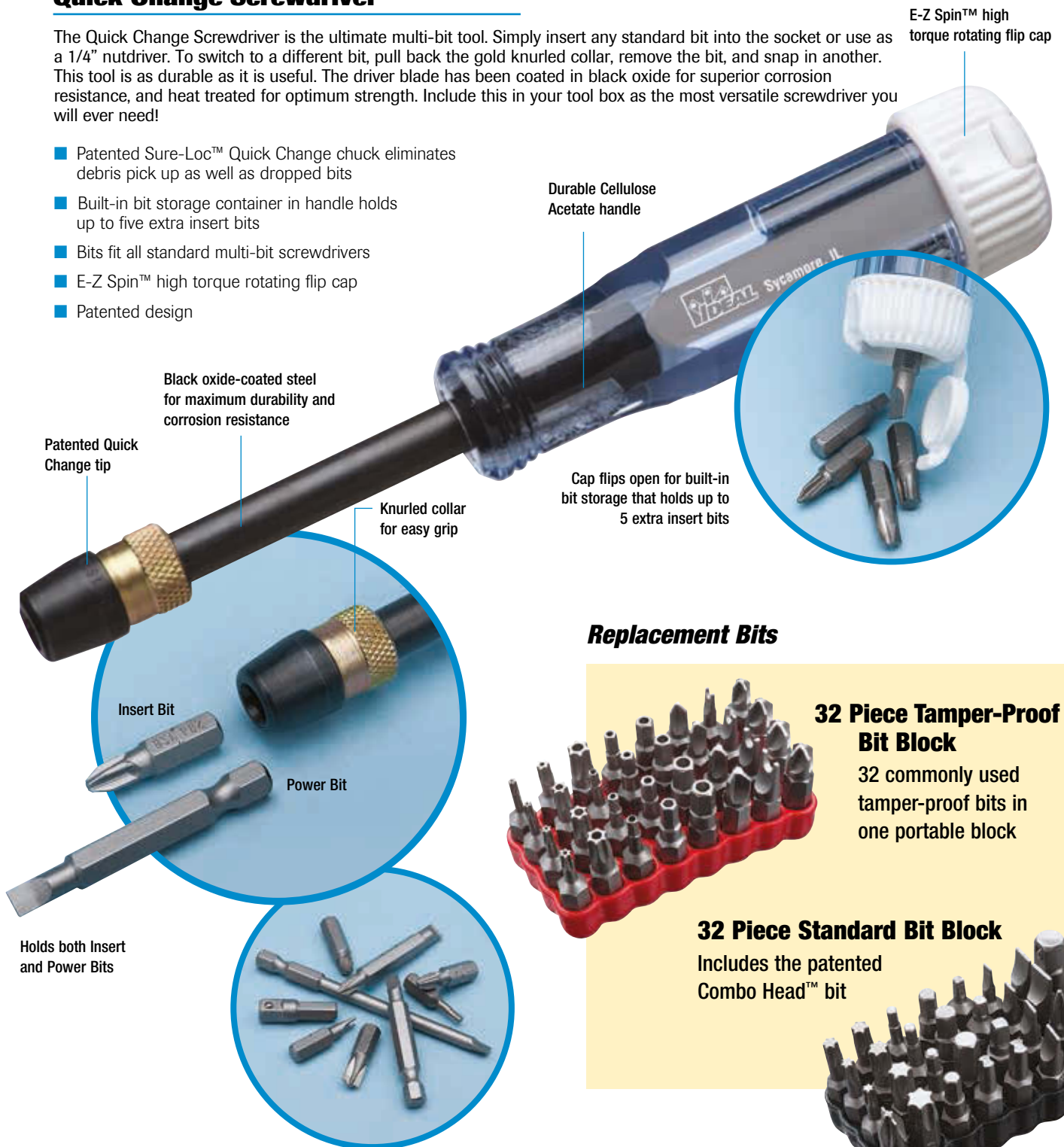
*Max. Jaw Opening - 2 in. (50mm). Not for SWA cable.



Quick Change Screwdriver

The Quick Change Screwdriver is the ultimate multi-bit tool. Simply insert any standard bit into the socket or use as a 1/4" nutdriver. To switch to a different bit, pull back the gold knurled collar, remove the bit, and snap in another. This tool is as durable as it is useful. The driver blade has been coated in black oxide for superior corrosion resistance, and heat treated for optimum strength. Include this in your tool box as the most versatile screwdriver you will ever need!

- Patented Sure-Loc™ Quick Change chuck eliminates debris pick up as well as dropped bits
- Built-in bit storage container in handle holds up to five extra insert bits
- Bits fit all standard multi-bit screwdrivers
- E-Z Spin™ high torque rotating flip cap
- Patented design



Replacement Bits

32 Piece Tamper-Proof Bit Block

32 commonly used tamper-proof bits in one portable block



32 Piece Standard Bit Block

Includes the patented Combo Head™ bit



The Quick Change Screwdriver accommodates a variety of bits



(Excludes Bits)



Scan for product video

Description	Blade Length	Handle Length	Overall Length	Cat. No.
33-Piece Quick Change Screwdriver Set - Quick Change Screwdriver and 32-Piece Tamper-Proof Bit Block	3-1/16 in.	4-3/16 in.	7-1/4 in.	35-933
33-Piece Quick Change Screwdriver Set - Quick Change Screwdriver and 32-Piece Standard Bit Block	3-1/16 in.	4-3/16 in.	7-1/4 in.	35-934

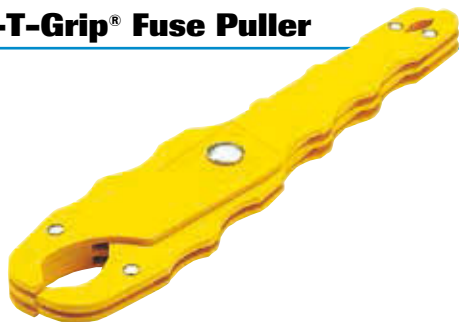
Auto-Lock™ Tape Measure 7.5m/25ft



- Automatic blade lock
- Push button for smooth blade retraction
- Nylon coated blade for extra long life and wear resistance
- Double sided marked blade for convenience
- Shock-resistant rubber grip for added comfort and protection

Description	Cat. No.
Auto-Lock™ Tape Measure 7.5m/25ft	35-242M

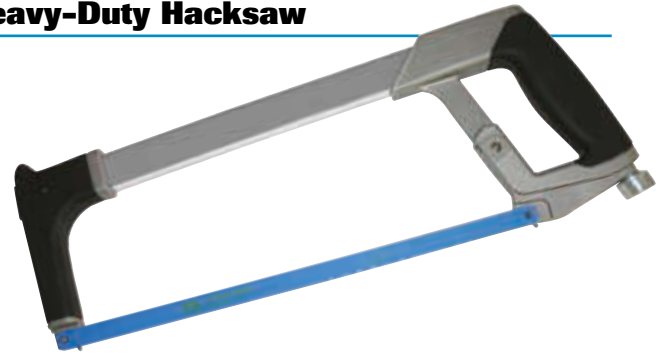
Safe-T-Grip® Fuse Puller



- Maximum efficiency and convenience for removing or replacing cartridge-type fuses
- Fully insulated, high-dielectric, glass-filled polypropylene construction
- Notched handles provide safe, no-slip grip
- Clearly marked amperage ranges
- Exceed MIL specifications

Description	Cat. No.
Medium Puller for 0 to 100A/250V & 600V, 1.3 cm (1/2 in.) to 2.5 cm (1 in.) dia. fuses; 19 cm (7-1/2 in.) long	34-002

Heavy-Duty Hacksaw



- Cushioned ergonomic grip for performance and comfort
- Rugged frame provides lightweight rigidity and exceptional control
- Stores up to nine extra blades
- Blades can be adjusted to 55° angle for flush cutting and tensioned to 30,000 psi
- Includes 300 mm / 12 in. x 24T bi-metal blade

Description	Cat. No.
Heavy-Duty Hacksaw	35-260

Ratchet Crimp Tool



- Crimps insulated or bare terminals and splices on 0.5mm² - 4.0mm² (10-22 AWG) wire
- Ratchet action prevents release prior to crimp connection – helps ensure uniform crimps
- Vinyl-coated handles provide a solid, comfortable grip

Description	Cat. No.
Ratchet Crimp Tool	83-001

Large Mouth Bag



- Top opens completely for easy access to large tools – reinforced to hold itself open
- Rugged zipper closure helps prevent tool loss
- Removable shoulder strap
- Durable multi-ply construction

Description	Cat. No.
Large Mouth Bag - 330 mm / 13 in. long	35-410

Note: Tools are not included.

LOCKOUT/TAGOUT



Part # 44-833EU

Importance of Safe Isolation

Unintentional energisation of circuits, machinery and equipment is a leading cause of death and injury among electrical contractors in the UK.

To minimise this type of accident regulations such as the “Provision and Use of Work Equipment 1998, Section 19 Energy” and the “Electricity at Work Regulations 1989, Regulation 13” require companies to have effective isolation policies in place.

Most accidents can be avoided by installing simple lockout / tagout devices prior to any electrical work being carried out.

Basic Practice for Safe Isolation

When working on electrical equipment / energized circuits, it is important that certain basic steps are followed:

- The correct point of isolation is identified
- An appropriate means of isolation is used
- Suitable caution notices should be placed where visible at the point of isolation
- All conductors must be proved to be dead at the point where work is intended to be carried out
- The electrical supply can not be reinstated while work is being carried out on any equipment / part of the circuit
- Isolation of equipment / circuits should be under the control of the person responsible for carrying out work on the isolated conductors
- Multi-lock hasps / devices should be used in the event of more than one person working on isolated equipment / circuits



IDEAL offers a range of lockout / tagout products to provide a cost-effective and safe solution in the management of electrical safety and circuit isolation in the workplace.

IDEAL lockout/tagout devices help to achieve compliance with current regulations.

For more comprehensive information on electrical safety and safe isolation, refer to the best practice guide available from the Electrical Safety Council entitled ‘Guidance on the **management of electrical safety and safe isolation** procedures for **low voltage installations**’. The latest version is available on the Electrical Safety Council website (www.esc.org.uk).

Kit Selection Chart

Part number	Description:	44-925	44-924	44-985UK	44-995
K-8334	Safety Padlock	✓	✓	✓	
K-40611	Non-Conductive Safety Padlock				✓
KB-0224	Steel Lockout Hasp		✓	✓	
44-428EU	Non-Conductive Lockout Hasp				✓
KB-0375	Circuit Breaker Lockout			✓	✓
IA-2280	“No-Hole” Lockout Device			✓	✓
441.001	MCB Pins-Out Device (Std)	✓	✓	✓	✓
441.002	MCB Pins-In Device				✓
441.003	MCB Pins-Out Device (Wide)				✓
441.004	Tie-Bar Lockout Device				✓
KB-0234	Universal MCB Lockout Device (Metal)	✓	✓	✓	✓
44-2393	Universal MCB Lockout Device (Plastic)				✓
44-2394	Universal MCB Lockout Device (Plastic)				✓
44-833EU*	Lockout Tags	✓ (1)	✓ (2)	✓ (5)	✓ (5)
KB-7566	Marking Pen		✓	✓	✓
IA-3240	Lockout Pouch		✓	✓	✓

* Available to order in packs of 5 (44-5833EU)

Contractor Lockout/Tagout Kit

- Aimed at contractors working on industrial, commercial and domestic installations
- Contains a range of devices allowing you to lock off most breakers on the market
- Supplied in a handy zipped pouch to help keep the kit close to hand and easily accessible



Description	Cat. No.
Contractor Lockout/Tagout Kit	44-985UK

Contractor PRO Lockout/Tagout Kit

- Aimed at contractors working on industrial, commercial and domestic installations
- Contains a broad range of devices allowing installers to provide safe isolation by locking off virtually all breakers on the market today
- Includes full range of MCB lockout devices including pins-in, pins-out, pins-out wide, tie-bar and various universal MCB lockout devices
- Supplied in a handy zipped pouch to help keep the kit close to hand and easily accessible



Description	Cat. No.
Contractor PRO Lockout/Tagout Kit	44-995



Domestic Installer Lockout/Tagout Kit

- Primarily aimed at the domestic installer
- Contains devices for use on typical breakers found in domestic installations
- Supplied in a handy zipped pouch



Description	Cat. No.
Domestic Installer Lockout/Tagout Kit	44-924

Personal Lockout/Tagout Kit

- A low-cost lockout kit containing two popular lockout devices plus a safety padlock and Do Not Operate tag
- Suitable for individuals or companies wishing to kit out their entire workforce with a low-cost versatile lockout kit



Description	Cat. No.
Personal Lockout/Tagout Kit	44-925

Safety Padlocks

- Dedicated safety lockout device reduces confusion with other locks
- Durable non-conductive, Xenoy lightweight body
- 6 mm triple-coated hardened-steel shackle
- Key retention ensures keys do not get lost while padlock not in use
- Complies with OSHA's "1-key, 1-lock"
- Available in various colours for easy identification



Description	Cat. No.
Safety Padlock 38 mm steel shackle - red	K-8334
Safety Padlock 38 mm steel shackle - blue	K-8330
Safety Padlock 38 mm steel shackle - yellow	K-8336
Safety Padlock 76 mm long steel shackle - red	K-41021

Non-Conductive Safety Padlocks

- Dedicated safety lockout device reduces confusion with other locks
- Non-conductive, Xenoy lightweight body
- 6 mm non-conductive nylon shackle
- Dielectric protection - anti-sparking
- Key retention ensures keys do not get lost while padlock not in use
- Complies with OSHA's "1-key, 1-lock"
- Available in red or yellow body
- Keyed-alike & Master-Keyed suites available by special order



Description	Cat. No.
Non-Conductive Safety Padlock 38 mm nylon shackle - red	K-40611
Non-Conductive Safety Padlock 38 mm nylon shackle - yellow	K-40612

Universal Hasp (Double Ended)

- Combines small and large hasp
- Allows up to six workers to lock out a single energy source
- Attach hasp to energy disconnect switch
- Control cannot be turned on until last worker's padlock is removed from hasp
- Hasp length 137 mm



Description	Cat. No.
Universal Hasp (Double Ended)	KB-0231

Steel Lockout Hasps

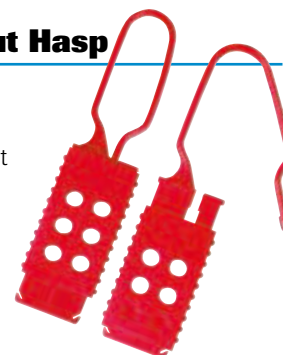
- Steel jaw with vinyl coated handle
- Allows up to six workers to lock out a single energy source
- Attach hasp to energy disconnect switch
- Control cannot be turned on until last worker's padlock is removed from hasp
- 25 mm and 38 mm dia. shackles available



Description	Cat. No.
Steel Lockout Hasp - 38 mm shackle	KB-0224
Steel Lockout Hasp - 25 mm shackle	IA-5502

Non-Conductive Logout Hasp

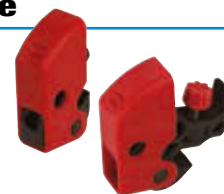
- Non-conductive, dielectric protection, anti-sparking
- Allows up to six workers to lock out a single energy source
- Attach hasp to energy disconnect switch
- Control cannot be turned on until last worker's padlock is removed from hasp
- Inside jaw 25 x 63 mm



Description	Cat. No.
Non-Conductive Lockout Hasp	44-428EU

Mini-MCB Lockout Device

- Universal device that fits virtually all miniature circuit breakers in the market
- Cover easily pivots open and closed so the dial is inaccessible in the locked position to prevent removal
- Can be applied horizontally or vertically to lock out more than one breaker simultaneously
- Built from a durable, chemical resistant Zenx™ thermoplastic material



Description	Cat. No.
Mini-MCB Lockout Device	KB-1234

Circuit Breaker Lockouts

- Attaches securely to breaker with simple thumb turn and clamping handle
- KB-0226 is designed for breakers with wide or tall toggles
- KB-0227 fits standard height and tie-bar toggles
- The narrow profile permits side-by-side breaker lockout
- Durable construction with powder coated steel and reinforced polymer allows operation in harsh environments



Description	Cat. No.
Circuit Breaker Lockout Kit including one for wide & tall toggles and one for standard single & double toggles	KB-0375
Circuit Breaker Lockout Kit for wide & tall toggles	KB-0226
Circuit Breaker Lockout Kit for standard single & double toggles	KB-0227

Adjustable Cable Lockout

- Adjustable safety hasp and cable
- Ideal for locking out multiple breakers or side-by-side gate valves
- Device can be locked using four padlocks
- Can be adjusted once the cable is locked
- Durable, flexible multi-stranded 1.8 m long vinyl coated steel cable
- Tough, lightweight, dielectric Xenoy thermoplastic body withstands chemicals and performs effectively in extreme conditions



Description	Cat. No.
Adjustable Cable Lockout	44-808

“No-Hole” Lockout Devices

- Lockout device that is ideal for breakers without built-in locking facilities often found in older domestic and commercial installations
- Extremely versatile - works on wide range of single pole and internal-trip multi-pole breakers
- Use thumbscrews to clamp lockout securely onto switch tongue, then pull cover over thumbscrew and lock in place to prevent clamp from being loosened



Description	Cat. No.
“No-Hole” Lockout Device (max. switch 15 mm)	IA-2280
“No-Hole” Lockout Device (max. switch 38 mm)	LA-2182

Universal MCB Lockout Devices

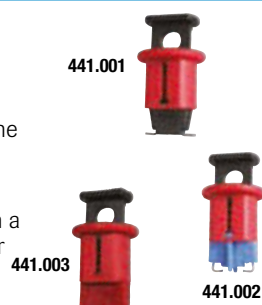
- Universal MCB lockout devices useful for isolating MCB's without pin holes on the MCB switches
- Simple and easy to use



Description	Cat. No.
Universal MCB Lockout Device - metal	KB-0234
Universal MCB Lockout Device - plastic, yellow (small)	44-2393
Universal MCB Lockout Device - plastic, blue (large)	44-2394

MCB Lockout Devices

- A safe and effective method for locking out European Circuit Breakers
- The lockout easily installs with the aid of a Push Button
- Recommended to use in combination with a padlock with a shackle diameter up to 6 mm for added safety
- Requires no tools to install



Description	Cat. No.
MCB Lockout Device - Pins Out	441.001
MCB Lockout Device - Pins In	441.002
MCB Lockout Device - Pins Out Wide	441.003

Tie-Bar Lockout Device

- A safe and effective method for locking out non-standard breakers where pins-in / pins-out devices can not be used
- Convenient thumb wheel for quick application
- Recommended to use in combination with a padlock with a shackle diameter up to 6 mm for added safety
- Requires no tools to install



Description	Cat. No.
Tie-Bar Lockout Device	441.004

Lock Stations

- Integrated, one-piece moulded construction
- Resilient polycarbonate material provides heat resistance and high impact strength
- Lockable cover prevents loss of contents
- Secure with a combination lock for simple access control



Description	Cat. No.
5-10 Locks Lockout Station (Station Only)	44-778-S0
10-20 Locks Lockout Station (Station Only)	44-806-S0



Electrical Plug Lockouts

- Surrounds electrical plugs and prevents accidental reconnection
- Designed to enable installation in confined spaces
- Large plug lockout accepts various electrical plugs up to 500V and accommodates wide range of cable diameters
- Small plug lockout is perfect for safe isolation of appliances with a standard mains plug
- Locked out using safety padlock



44-0488



44-0487

Description	Cat. No.
Electrical Plug Cover (Small) 120V - 240V	44-0487
Electrical Plug Cover (Large) 220V - 500V	44-0488

DO NOT OPERATE Lockout Tags

- Heavy duty vinyl tag with metal grommet for extra strength
- Designed to withstand use in harsh environments
- High visibility lettering



Description	Cat. No.
DO NOT OPERATE Lockout Tags - Pack of 5	44-5833EU

Marking Pen

- Fast-drying, permanent ink will not smear
- For use on lockout tags, write-on marker cards and write-on cable-tie marker plates



Description	Cat. No.
Marking Pen w/black ink	K-7566

IDEAL Pouch

- Durable zipped pouch
- Keeps your devices safe and helps preventing loss



Description	Cat. No.
IDEAL Pouch	IA-3240

TEST & MEASUREMENT



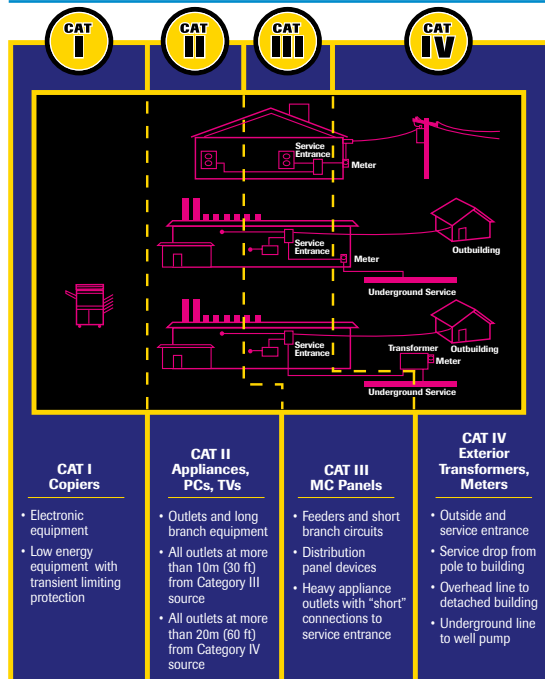
Clamp Meter Selection Guide

CLAMP METER	740 Series		760 Series		770 Series	
	61-744	61-746	61-763	61-765	61-773	61-775
MEASUREMENT FUNCTIONS						
AC Voltage	•	•	•	•	•	•
DC Voltage	•	•	•	•	•	•
AC Current	•	•	•	•	•	•
DC Current				•		•
Resistance	•	•	•	•	•	•
Audible Continuity	•	•	•	•	•	•
Capacitance			•	•	•	•
Frequency			•	•	•	•
FEATURES						
Display Type (Digital)	D	D	D	D	D	D
AC Current Capacity	600	600	660	660	1000	1000
DC Current Capacity				660		1000
True RMS		•	•	•	•	•
Auto/Manual Ranging	•	•	•	•	•	•
Data Hold	•	•	•	•	•	•
Peak Hold			•	•	•	•
Min/Max			•	•	•	•
DCA Zero				•		•
Auto Power Off	•	•	•	•	•	•
Non-Contact Voltage Indication	•	•				
Backlight			•	•	•	•
Low Battery Indication	•	•	•	•	•	•
High Voltage Warning			•	•	•	•
Overload Protection on all Ranges	•	•	•	•	•	•
Conductor Size – Inches (mm)	1.5" (38)	1.5" (38)	1.4" (36)	1.4" (36)	2.0" (51)	2.0" (51)
Warranty (years)	2	2	2	2	2	2
CERTIFICATIONS						
UL 61010 Listed	•	•	•	•	•	•
CAT III, 100V/CAT IV 600V	III	III	IV	IV	IV	IV
CE	•	•	•	•	•	•

Multimeter Selection Guide

MULTIMETER	340 Series	
	61-340	61-342
MEASUREMENT FUNCTIONS		
AC & DC Voltage	•	•
AC Current	•	•
DC Current	•	•
Resistance	•	•
Audible Continuity	•	•
Diode Test	•	•
Capacitance	•	•
Frequency	•	•
Temperature	•	•
Duty Factor	•	•
FEATURES		
Display Type (Digital or Analogue)	D	D
True RMS		•
Auto/Manual Ranging	•	•
Data Hold / Auto Hold	D	D
Min/Max	•	•
Min/Max/Avg	•	•
Auto Power Off	•	•
Backlight	•	•
Low Battery Indication	•	•
Overload Protection on all Ranges	•	•
Warranty (years)	2	2
CERTIFICATIONS		
UL 61010 Listed	•	•
CAT Rating	III	III
CE	•	•

Safety in the Field



The power demands of today's high-tech world have caused a marked increase in occurrences and levels of transient overvoltages. The International Electrotechnical Commission (IEC) has developed a safety standards model for measurement, control and laboratory use.

Category I – The signal level for telecommunications, electronic and other low-energy equipment with transient-limiting protection. Peak impulse transient range is 600–4,000 volts with a 30 ohm source.

Category II – The local level for fixed and non-fixed powered devices including appliances, lighting and portable equipment. Outlets located more than 30 feet from CAT III sources and 60 feet from CAT IV sources. Peak impulse transient range is from 600–6,000 volts with a 12 ohm source.

Category III – The distribution level for fixed primary feeders or branch circuits. Circuits that are separated from CAT IV sources by at least one level of transformer isolation. Peak impulse transient range is 600–8,000 volts with a 2 ohm source.

Category IV – The primary supply level for the highest levels of transient overvoltage. Includes the utility service both outside and at the service entrance, service drop from the pole to the building, overhead line to remote buildings, and underground line to a well pump. Peak impulse transient range is 600–12,000 volts with less than a 1 ohm source.

TightSight® Clamp Meters 1000 & 660 Amp (770 & 760 Series)

- TightSight® bottom display
- Tapered jaws with hook tip
- Measures AC current
- True RMS
- AC/DC Voltage
- Capacitance
- Audible continuity
- Frequency via clamp head or test leads
- Resistance
- High frequency rejection*
- Peak hold
- Max/min hold
- Data hold
- Selectable audible and visual voltage alerts on AC/DC voltage functions
- Selectable auto power off
- Backlit display
- Low battery indicator
- 2-year warranty

*Reads accurately on noisy electrical circuits.



Description	Cat. No.
1000AAC Clamp Meter w/ differentiating features	61-773
1000A AC/DC Clamp Meter	61-775
660AAC Clamp Meter	61-763
660A AC/DC Clamp Meter	61-765

Includes: Carrying Case and Test Leads w/Crocodile Clips.



1000A Clamp (61-773)



660A Clamp (61-763)

Clamp Meters

Specifications	Range & Resolution				Accuracy
	61-773	61-775	61-763	61-765	
AC Current	0.0-999.9A		0.0-660.0A		2.0%
DC Current	—	0.0-999.9A	—	0.0-660.0A	2.0%
AC Voltage		0.0-750.0V			1.0%
DC Voltage		0.0-999.9V			1.0%
Resistance		0.0-999.9Ω			1.5%
Capacitance		0.0-999.9μF			5.0%
Continuity		0.0-999.9Ω			Audible @ <30Ω
Frequency		20.0-400.0Hz			0.5%
Jaw Size	2" (51mm)		1.42" (36mm)		—

Test Leads



Description	Cat. No.
Test Leads with crocodile clips	TL-770

Clamp-Pro™ Clamp Meters 600 Amp (740 Series)

- Measures up to 600AAC
- Non-contact voltage indicator (70V-600VAC)
- Continuity
- Tapered jaws with hook tip
- Auto/manual ranging
- Data hold
- Auto power off
- Low battery indicator
- 2-year warranty

61-744



Compact jaw for use in tight locations.



Description	Cat. No.
600A Clamp Meter w/ TRMS	61-746
600A Clamp Meter	61-744

Includes: Carrying Case and Test Leads.

Specifications Range & Resolution Accuracy

Specifications	Range & Resolution	Accuracy
		61-744 & 61-746
AC Current	40.00/400.0/600A	1.7%
AC Voltage	400.0/600 V	1.2%
DC Voltage	400.0/600 V	0.5%
Resistance	400.0/4.000k/ 40.00k 400.0k/4.000M/40.00M Ω	1.0%

Jaw opening is 1.25" (32mm).

Test-Pro® Multimeters (340 Series)

- Capacitance
- Frequency
- Temperature
- Voltage
- Current
- Resistance
- Audible continuity
- Relative mode
- Backlight
- Min/max
- Data hold
- Low battery indicator
- Auto power off
- 2-year warranty

61-342



Description	Cat. No.
Test-Pro® Multimeter w/TRMS	61-342
Test-Pro® Multimeter	61-340

Includes: Test Leads and Thermocouple.



Replacement Test Leads



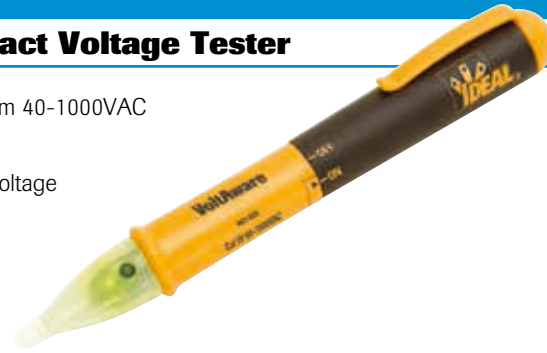
Description	Cat. No.
Test Leads with crocodile clips	TL-770

Specifications Range & Resolution Accuracy

Specifications	Range & Resolution	Accuracy
		61-340 & 61-342
AC Voltage	4.000/40.00/400.0/600 V	1.5%
DC Voltage	400.0m/4.000/40.00/400.0/600 V	0.5%
Current	400.0µ/4000µ/40.00m/400.0m/4.000/10.00A AC/DC	1.5%
Resistance	400.0/4.000k/40.00k/400.0k/4.000M/40.00M Ω	1.0%
Capacitance	40.00n/400.0n/4.000µ/ 40.00µ/400.0µ F	3.0%
Frequency	10.000/100.00/1.000k/10.00k/100.0k/1.000M/4.000M Hz	0.3%
Temperature	-4° F to 1382° F (-20° C to 750° C)	3.0%

VoltAware™ Non-Contact Voltage Tester

- Indicates presence of voltage from 40-1000VAC
- Visual indication of voltage
- Selectable audible indication of voltage
- Sleek, compact design
- Green LED indicates power on
- Low battery indicator
- Battery replacement (AAA size)
- 2-year warranty



Description	Cat. No.
VoltAware™ Non-Contact Voltage Tester	61-025EU



Digital Light Meter

- Auto or manual ranging
- Measures in four ranges up to 20,000 FC or 200,000 Lux
- +/- 3% basic accuracy
- Data hold mode
- Max. reading mode
- Auto zero adjustment
- Low battery indication
- Auto power off
- Remote sensor with 59 in. (1.5m) cable



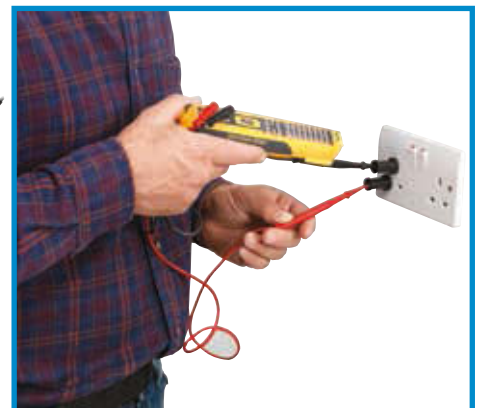
Description	Cat. No.
Digital Light Meter	61-686

Includes: Carrying Case.



Vol-Con® Elite Digital Voltage Tester

- Tests for AC Voltage from 24-600VAC
- Tests for DC Voltage from 6-220VDC
- Visual and audible warning
- Audible continuity
- Non-contact voltage indication (40-600VAC)
- Low impedance to eliminate ghost voltages
- Low battery indicator
- Replaceable GS38 compliant test leads
- Integral lead storage
- 2-year warranty



Description	Cat. No.
Vol-Con® Elite Digital Voltage Tester	61-090EU

Accessories

Includes	
GS38 Compliant Test Leads	TL-102EU



SureTrace™ Circuit Tracers

- Receiver display rotates automatically for easy viewing
- Identifies breakers and fuses with CertainCircuit™ detection
- Pinpoints opens and shorts
- Traces wires behind walls
- “0-99” display of signal strength
- Audible intensifies in tone/pitch
- Works on energised or de-energised circuits (0 - 600V AC/DC)
- Four modes of sensitivity – search high, search low, trace and breaker
- Peak detecting bar graph
- 2-year warranty



Scan for product video

61-955



CertainCircuit™

After you identify and trip the correct breaker, the transmitter senses the loss of power and sends a different signal back to the receiver to give you confidence at the panel that the right circuit was de-energised.



Energised



De-energised



The only circuit tracer with SwivelDisplay™

Circuit Tracers

Transmitter will work on a de-energised circuit and won't affect RCD's and sensitive equipment on an energised circuit.



Transmitter and receiver take four standard AA batteries.

RC-959 Receiver



RC-955 Receiver



TR-955 Transmitter



NEW
Enhanced
Performance



Inductive Clamp & Battery Pack



Exclusive Rotating Display

Revolutionary technology in the receiver rotates the display in 90° increments so that you always receive an upright reading. Even when the receiver is pointing down, you can keep up.

CR-959



Circuit Tracers

Description	Cat. No.
Kit Includes: Rotating Display, Inductive Clamp and Battery Pack	61-959
Kit Includes: Rotating Display	61-957
Kit Includes: Standard Display	61-955

Accessories

Includes	
Fuse – High-energy, Fast-acting, 1A/1000V	F-956
Magnetic Strap	61-565
Replacement Lead Set UK (includes 1-6 below)	TL-958UK
Replacement Lead Set EU (includes 1-6 below)	TL-958EU
1. Outlet Plug Adaptor for Transmitter (UK or EU)	
2. Blade Prongs for Lead Adaptors (2/set)	
3. Ground Prong for Lead Adaptor	
4. Crocodile Clips for Lead Adaptors (2/set)	
5. 90 cm (3 ft.) Lead Adaptors for Transmitter (2/set)	
6. 7.5 m (25 ft.) Lead Adaptor for Transmitter	
Optional	
Cradle for Receiver*	CR-959

*Threaded for use on standard extension pole.

Kit Contents	61-955	61-957	61-959
Transmitter	TR-955	TR-955	TR-955
Receiver	RC-955	RC-959	RC-959
Tracer Test Lead Set	TL-956	TL-956	TL-956
Inductive Clamp			IC-958
Battery Pack			BP-958
Hard Carrying Case	C-955	C-957	C-959
Batteries	•	•	•
Instruction Manual	•	•	•

Digital Circuit Breaker Finder & Socket Tester

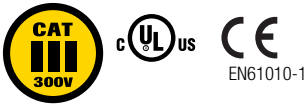
- Locates breakers and fuses quickly and accurately
- Check polarity and easily identifies common wiring faults
- Verifies presence of power
- Visual and audible indicators
- Non-contact voltage sensor for 80 - 300 VAC
- Optional 61-184EU probe kit for testing at light fixtures
- Comes with soft carrying case
- 2-year warranty



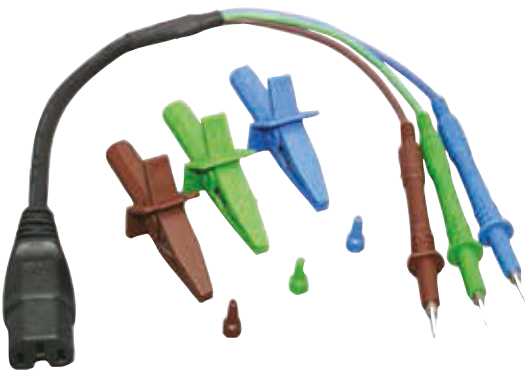
Description	Cat. No.
Digital Circuit Breaker Finder & Socket Tester (includes carrying case)	61-534EU
Crocodile Clip & Probe Set	61-184EU

Specifications

	61-534EU
Operating Voltage	200 - 250 VAC
Operating Frequency	47 - 63 Hz



61-534EU



61-184EU

DATAKOM/NETWORKS



LanTEK® II Series Cable Certifier

Superior performance, revolutionary fibre options and outstanding value makes LanTEK® II the ultimate cable certification platform.

Choose from three models that provide the test capabilities you need today with cost-effective upgrades should these change tomorrow.

With frequency ranges of 350MHz, 500MHz and 1GHz there is a model available for ISO Class D/CAT 5e through to ISO Class FA/CAT 7A certification.

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.



- High speed testing - 11 seconds for Class D/CAT 5e
- Patented test method eliminates the need for expensive permanent link adaptors
- Test and certify with off-the-shelf patch cords
- DualMODE function allows certification to two different standards with one press of the Autotest button
- Internal memory stores 1,700 ISO Class E tests with full colour graphs
- Smart Lithium-Ion batteries offer up to 18 hours field use
- USB 2.0 port for fast data download
- Digital Talkset works over copper and fibre
- 11 cm widescreen display gives superb 160° viewing angle
- Maximum reporting power with IDEAL DataCENTER (IDC) software
- Optional Alien Crosstalk Kit for 10GBASE-T applications
- Accuracy independently verified by ETL



FIBERTEK® FDX

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



Description	Cat. No.	Description	Cat. No.
LanTEK® II-1000: TIA/EIA Cat7A, ISO Class F/F _A certifier w/Cat6A adaptors	33-993*	FiberTEK® FDX Multimode (850/1300nm) kit with LED light sources for standard multi-mode fibre	33-990-FA01**
LanTEK® II-500: TIA/EIA Cat6A, ISO Class E _A certifier w/Cat6A adaptors	33-992*	FiberTEK® FDX Single mode (1310/1550nm) kit with laser light sources for single mode fibre	33-990-FA03**
LanTEK® II-350: TIA/EIA Cat6, ISO Class E certifier w/Cat6 adaptors	33-991*	FiberTEK® FDX Combination MM/SM kit with LED MM sources and laser SM sources (33-990-FA01 & 33-990-FA03)	33-990-FA04**

*Contents: LanTEK® II display and remote handset, two smart lithium ion batteries, two 110-240V power adaptors 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.

**Contents: Two FiberTEK® FDX modules, lockable semi-rigid carrying case, SC, FC, ST adaptors 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.

SignalTEK™ CT Data Cable Transmission Tester

If you install or maintain data cabling, SignalTEK CT allows you to generate PDF test reports that prove installed links run at Gigabit Ethernet transmission rates.

For installers, this means having a cost-effective way to demonstrate that the copper cabling was installed correctly and is capable of supporting Ethernet applications. By proving real world performance, SignalTEK CT confirms a professional job - reducing the risk of call backs.

SignalTEK CT also gives network owners the assurance that installed cabling will support bandwidth hungry services like VoIP, IP CCTV and video streaming following moves, adds and changes.



Testing as simple as 1-2-3



Step 1

Enter job information

- 8 user defined fields available
- Up to 50 individual jobs
- Job information automatically included in the test report documentation



Step 2

Press Autotest & review test results

- Autotest can be initiated from either handset allowing one person testing
- Max. of 5000 tests saved in internal memory
- Clear Pass/Fail summary
- Detailed results of individual tests



Step 3

Download reports

- Choice of PDF or CSV report formats
- Option to upload all tests or only passed/failed results to USB
- Save to USB memory stick for import into PC for later report generation

Test Reporting

SignalTEK CT automatically generates test reports in PDF format.

The summary page of each report can be customised to include logo, company and operator details. The summary provides an overview for each link tested including date and time of test, the overall result of the wiremap and data tests, the Ethernet rates that the cable can support, and the individual and total cable lengths.

Detailed information relating to each tested link is reported on subsequent pages. This includes a graphical image of the wiremap, pass/fail information, length per pair, frame errors and data rate.

Scan QR code to watch product video or visit www.signaltekct.com for more information



Description	Cat. No.
SignalTEK CT – Data Cable Transmission Tester. Includes 1 x display, 1 x remote, 2 x NiMH batteries, 2 x patch cables - 30cm, Cat 5e STP, 2 x power supply with EU/UK/US adaptors, 1 x user manual 1 x carry case	R156002



Test Name	Date (mm/dd/yy)	Time (hh:mm)	Pairs Setup	Wiremap Test	Data Test	10Mb/s	100Mb/s	1Gb/s	Length (m)
0001	03/01/10	00:40	4	✓	✓	✓	✓	✓	17
0002	03/01/10	00:50	4	x	✓	✓	✓	✓	49

0001									
Wiremap Test: ✓									
Pair	1-2	3-6	4-5	7-8	1	2	3	4	5
Length (m)	18	18	18	17	✓	✓	✓	✓	✓
Data Test: ✓									
Error Limit (Frames)	Duration (hh:mm:ss)	Rate (Mb/s)	Error (Frames)	5	6	7	8	9	0
0	00:00:10	1000	0	✓	✓	✓	✓	✓	✓

0002									
Wiremap Test: x									
Pair	1-2	3-6	4-5	7-8	1	2	3	4	5
Length (m)	50	49	49	49	✗	✗	✗	✗	✗
Data Test: ✓									
Error Limit (Frames)	Duration (hh:mm:ss)	Rate (Mb/s)	Error (Frames)	5	6	7	8	9	0
0	00:00:10	1000	0	✓	✓	✓	✓	✓	✓

SignalTEK™ II Network Transmission Tester

SignalTEK II allows you to generate CSV and XML test reports that prove your Ethernet network runs at Gigabit Ethernet transmission rates.

SignalTEK II is designed to test networks that use copper and fibre cabling capable of supporting voice, video, data and CCTV applications over 10/100 Megabit or Gigabit Ethernet.

- Full Gigabit bi-directional load testing through hubs and switches
- Simulate network traffic generated by new IP devices to confirm network capacity before adding new devices like VOIP or CCTV
- Identify Ethernet, Power over Ethernet (PoE) and PoE+ issues, in addition to verifying Ethernet connectivity (including IPv4 and IPv6)
- Locate wiremap faults more quickly and accurately by testing every pin and pair, detecting split pairs and identifying the distance to fault
- Testing complies to the Gigabit Ethernet standard IEEE 802.3ab
- Field replaceable RJ-45 contacts eliminate downtime from worn or damaged connectors



Description	Cat. No.
SignalTEK II – Data Cable Transmission Tester. Includes 1 x display, 1 x remote, 2 x Power modules (rechargeable), 2 x patch cables - 30cm, Cat 5e STP, 2 x power supply with EU/UK/US adaptors, 1 x Quick reference guide (English), 1 x user manual, 1 x carry case	R156000
SignalTEK II FO - Data Cable Transmission Tester. Includes 1 x display, 1 x remote, 2 x Power modules (rechargeable), 2 x patch cables - 30cm, Cat 5e STP, 2 x power supply with EU/UK/US adaptors, 1 x Quick reference guide (English), 1 x user manual, 1 x carry case	R156001



Scan for product video

NavITEK II Network Troubleshooter

NavITEK II is a versatile network technician's tester for troubleshooting and maintenance of active and passive networks across copper and fibre, helping to pinpoint and solve networking issues quickly. Decreases device downtime by allowing field technicians to discover the root cause of network connectivity issues such as incorrect IP configuration, rouge network services and network bandwidth issues.

- PoE 802.3af service detection
- Suitable for testing copper and fibre networks
- Autotest button quickly provides the total number of devices on your network to determine available capacity
- Results can be saved as .xml for Microsoft Excel and provides proof of performance to your clients
- Detailed network statistics including Protocol, Frame, IP analysis and switch speed information simplify device configuration and aid troubleshooting



Description	Cat. No.
NavITEK II - 1 x NavITEK II test unit, 1 x Remote unit No. 1, 4 x AA dry cell batteries (non-rechargeable), 2 x Patch cables - 30cm, Cat. 5e STP, 1 x Manual on CD, 1 x Quick reference guide, 1 x Carrying case	R153000
NavITEK II PLUS - 1 x NavITEK II PLUS test unit, 1 x Remote unit No. 1, 1 x Rechargeable Power Module 1 x PSU EU/UK/US adaptors, 2 x Patch cables - 30cm, Cat. 5e STP, 1 x Manual on CD, 1 x Quick reference guide, 1 x Carrying case	R151000
NavITEK II PRO - 1 x NavITEK II PRO test unit, 1 x Remote unit No. 1, 1 x Rechargeable Power Module 1 x PSU EU/UK/US adaptors, 2 x Patch cables - 30cm, Cat. 5e STP, 1 x Manual on CD, 1 x Quick reference guide, 1 x Carrying case	R151002



Scan for product video



VDV II - Voice, Data and Video Verifier

The new VDV II Series are easy to use cable testers that check the integrity of copper cables commonly found in domestic, commercial or industrial voice, data or video installations, including telephone wiring, data network and video/security cabling.

Employing state-of-the-art technology, VDV II offers functionality not previously available in a wiremapper. The advanced wiremap engine accurately displays complex wiring faults instantaneously whilst TDR (Time Domain Reflectometry) aids troubleshooting and improves on-site productivity.

More than just a wiremapper



VDV II

Performs standard tests for copper cabling, including:

- Coax, 6Pin (RJ11/12), 8Pin (RJ45) Connectors for Copper Cable Testing
- Wiremap for Miswires, Split Pairs, Shorts and Opens
- Analog Tone Generator
- Voltage Protection
- Shielded Cable Testing
- Single Screen Results



VDV II Plus

Additional features to the VDV II:

- Larger 2.9" Display
- Backlight
- Hub Blink
- Cable Length
- Distance to Open
- Carry Case & Cables



VDV II Pro

Additional features to the VDV II Plus:

- Distance to Open / Short (TDR)
- PoE Detection with Voltage Information
- Media Service Detection
- Ethernet Detection with Network Rate and Duplex Information

Description	Cat. No.
VDV II – Voice, Data and Video Cable Verifier. Includes 1 x tester, 1 x dual port remote unit, 1 x coax remote unit, 1 x alkaline battery, 1 x multi-language user guide.	R158000
VDV II Plus – Voice, Data and Video Cable Verifier. Includes 1 x tester, 1 x dual port remote unit, 1 x coax remote unit, 1 x alkaline battery, 1 x multi-language user guide, 2 x RJ45 to alligator clip cable 390mm, 2 x screened RJ45 to RJ45 cable 150mm, 2 x RJ11/12 to RJ11/12 cable 100mm, 1 x F-type plug to F-type plug cable 230mm, 1 x F-81 barrel splice, 1 x BNC female to F-type male adaptor, 1 x BNC female to F-type female adaptor, 1 x RCA female to F-type male adaptor, 1 x RCA female to F-type female adaptor, 1 x wallet wiring card, 1 x carry case.	R158002
VDV II Pro – Voice, Data and Video Cable Verifier. Includes 1 x tester, 1 x dual port remote unit, 1 x coax remote unit, 1 x alkaline battery, 1 x multi-language user guide, 2 x RJ45 to alligator clip cable 90mm, 2 x screened RJ45 to RJ45 cable 150mm, 2 x RJ12 to RJ12 cable 100mm, 1 x F-type plug to F-type plug cable 230mm, 1 x F-81 barrel splice, 1 x BNC female to F-type male adaptor, 1 x BNC female to F-type female adaptor, 1 x RCA female to F-type male adaptor, 1 x RCA female to F-type female adaptor, 1 x wallet wiring card, 1 x carry case.	R158003

For accessories like RJ45 remote units, RJ45 identifiers and Coax remote units, please check out page E-7.

Scan QR code to watch product video or visit www.vdvii.com for more information



Applications



VOICE

Support for 1, 2 or 3-pair RJ11/12 telephone cable testing



DATA

Testing of shielded and unshielded Cat 5/5e/6/6A/7 LAN cable



VIDEO

Tests coax cable through F-connector interface



FiberMASTER™ Fibre Optic Testers

The IDEAL FiberMASTER™ allows the user to measure absolute power and calculate the insertion loss of fibre optic links at several wavelengths. Measure fibre optic power in microwatts (μW), milliwatts (mW) and decibel-milliwatts (dBm) to test and troubleshoot active Local Area Networks. Plus the 1490nm wavelength measurement mode is perfect for troubleshooting emerging Fibre to the Home cabling systems.

- Tier 1 certification of multi-mode and single mode fibre optic cabling
- **Fibre 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 adaptors, light source includes ST®, SC and FC adaptors to test the most common interfaces.
- **Ready for FTTx** – 1490nm measurement wavelength for use with nearly all single mode Fibre-To-The-Home applications.
- **Designed for the Field** – Unique “docking” light source and easy three-button operation make this the perfect fibre tester for use in the field.

FiberMASTER™ 33-928 Kit Includes:

- 33-926 Light source, 850nm LED with ST®, SC and FC adaptors
- 33-927 Power meter, 4 wavelength with universal 2.5mm and fixed FC adaptor
- 2x SC-SC 50 μm multimode cables
- 1 SC calibration coupler
- Carrying case
- User manual in English, Spanish, German, French, Portuguese, Italian and Chinese
- 33-931 kit is supplied with quad light source



Description	Cat. No.
Power meter with 850NM fibre light source (33-926 & 33-927)	33-928
Power meter with four wavelength MM/SM light source (33-927 & 33-929)	33-931
Fibre Power Meter with Calibration Function	33-927
Quad Light Source 850/1300/1310/1550	33-929



Visual Fault Finder

Laser light source used to locate breaks, faulty splices and crimps in fibre optic cabling

- 2.5mm Universal Adaptor 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.

SecuriTEST™ PRO

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.

SecuriTEST™ PRO includes IRE testing (video and sync levels), audio level testing, a high-capacity lithiumion battery in a package that's small and light.

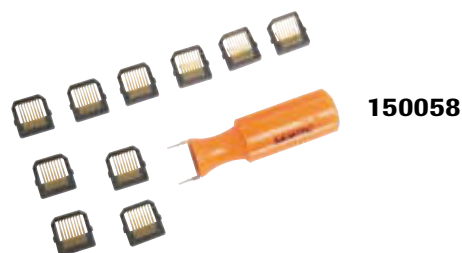
The **SecuriTEST™ PRO** has all the features and functionality that CCTV technicians need to install, test and maintain analogue security camera systems. **SecuriTEST™ PRO** also includes a custom carrying case.

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



Network Tester Accessories

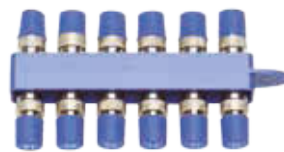
Description	Cat. No.
SignalTEK II / NaviTEK II remote kit #2-#12	150050
SignalTEK II / NaviTEK II remote #1	150054
SignalTEK II / NaviTEK II Cat 5e STP patch cables (2)	150055
SignalTEK II / NaviTEK II duplex multi-mode patch cable	150056
SignalTEK II / NaviTEK II duplex single mode patch cable	150057
SignalTEK II / NaviTEK II RJ-45 insertion/removal tool and 10 RJ-45 inserts	150058
SignalTEK II / NaviTEK II active remote kit #2 - #6	150059
SignalTEK II / NaviTEK II power supply with EU/UK/US adapters	151051
SignalTEK II / NaviTEK II alkaline battery module	151052
SignalTEK II NIMH power module	151053
NaviTEK II carrying case	151054
SignalTEK II carrying case	156050
VDV II RJ-45 remote kit #1 - #12	158050
VDV II RJ-45 identifier kit #1 - #24	158051
VDV II coax remote kit #1 - #12	158053
SignalTEK II / NaviTEK II 1310nm single mode SFP module	MGK LX2
SignalTEK II / NaviTEK II 850nm multi-mode SFP module	MGK SX1
SignalTEK II / NaviTEK II 1550nm single mode SFP module	MGK ZX3



158050



158051



158053



150050

Tone & Probe Kit



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.
Tone Generator	62-160
Amplifier Probe	62-164
Tone & Probe Kit	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



Telemaster™ RJ-11/RJ-45 Crimp Tool



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

Description	Cat. No.
Tool for RJ-11 (1, 2, 3 pair) and RJ-45 (4 pair) Plugs	30-496-001
Replacement Cut and Strip Blade Set for Telemaster™	LB-1747

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

Ratchet Telemaster™ RJ-11/RJ-45 Crimp Tool



- Pro quality ratcheting Telemaster™ Tool for RJ-45 and RJ-11 crimping modular plugs
- Gives repeatable crimp action for consistent, high quality connections
- For paired conductors
- Heavy-duty steel frame

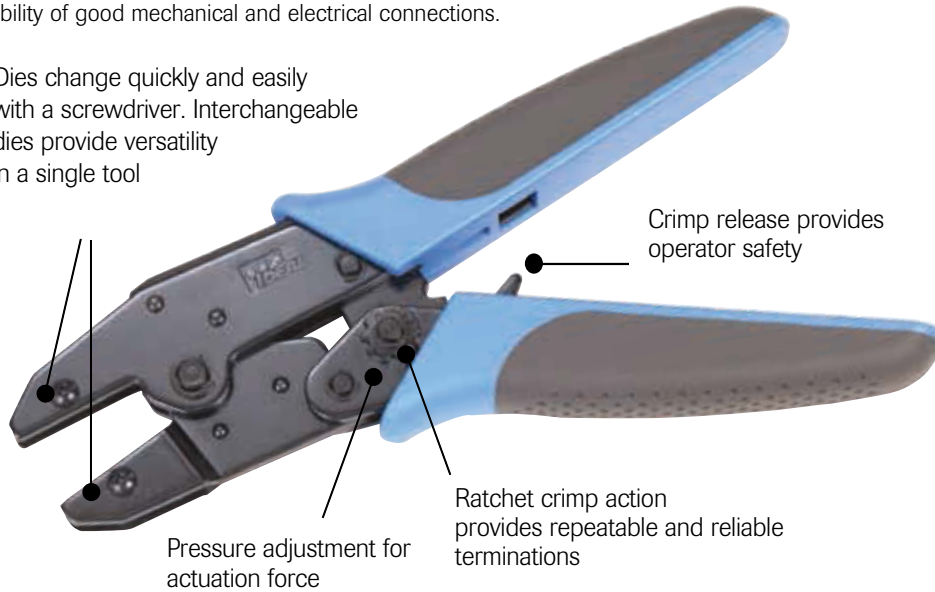
Description	Cat. No.
Ratchet Telemaster™ RJ-11/RJ-45 Crimp Tool	30-696
Replacement Cut & Strip Blade Set for 30-696	LA-4102

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

30-506



30-559

RJ-45 Eight-position crimp die set for keyed or non-keyed modular plugs



30-579

Die set for insulated terminals/colour coded nests 22-10 AWG (.3mm² - 5.3mm²)



30-580

Die set for non-insulated terminals 22-8 AWG (0.3mm²-8.0mm²)



30-581

Die set for RG-58, RG-59/62, BNC/TNC Coax Connectors (Hex, 0.255 (6.5mm), 0.213 (5.4mm), 0.068 (1.7mm))



30-582

Die set for F-type CATV RG-59, RG-6 Connectors (Hex, 0.350 (8.9mm), 0.320 (8.1mm), 0.255 (6.5mm))



Description	Cat. No.
Crimpmaster™ Crimp Frame Tool	30-506
Die set for RJ-45 eight-position keyed or non-keyed modular plugs	30-559
Die set for insulated terminals/colour coded nests	30-579
Die set for non-insulated terminals	30-580
Die set for RG-58, RG-59/62, BNC/TNC Coax Connectors	30-581
Die set for F-type CATV RG-59, RG-6 Connectors	30-582

Punch Down Tool



- Insertion tool for Krone blocks
- For seating telecom and data cables into terminals

Description	Cat. No.
Punch Down Tool (Insertion tool for Krone blocks)	35-482

PunchMaster™ Punch Down Tool

- Inserts and cuts cable terminations effortlessly
- Professional quality tool
- For seating telecom and data cables into terminals effortlessly
- 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

35-485



35-478

Description	Cat. No.
Punchmaster™ II Punch Down Tool w/110 & 66 blades	35-485
Removable Krone® Blade for 35-485	35-478

Krone® is a registered trademark of Krone, Inc.

OmniSeal™ PRO Compression Tool

The IDEAL OmniSeal™ PRO Compression Tool offers additional features and increased connector compatibility in a smaller, more compact tool designed to meet the demands of the professional installer.



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

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

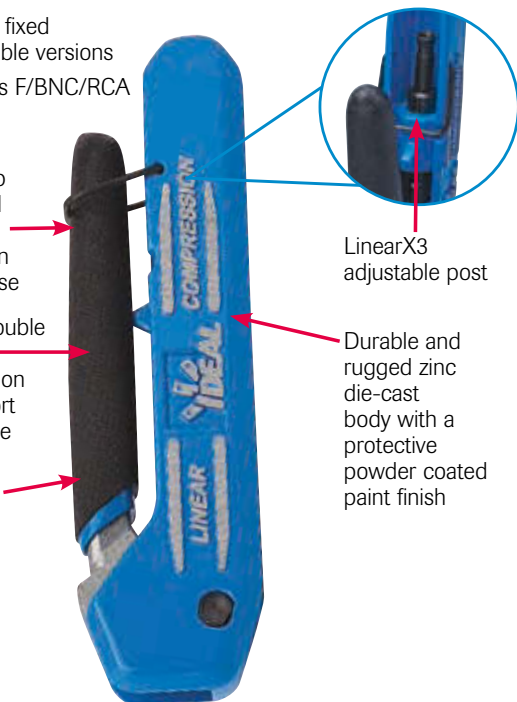
LinearX® Compression Tool Features

- Available in fixed and adjustable versions
- Compresses F/BNC/RCA connectors

A hinged hasp keeps the tool in a compact closed position when not in use

Handle has double dipped textured cushion grip for comfort and all-day use

One handed operation is possible with all compatible connectors.



LinearX3 adjustable post

Durable and rugged zinc die-cast body with a protective powder coated paint finish

LINEARX® Compression Tools

- Available in fixed and adjustable versions
- Compresses F/BNC/RCA connectors
- Durable & rugged zinc die-cast body with protective powder coated paint finish
- Linear stroke for consistent compression results & easy operation
- Includes four RTQ™ RG-6 WeatherProof F-Compression Connectors



LinearX™3 adjustable post

INCLUDES 4 RTQ™ F-Connectors

Description	Cat. No.
LinearX®1 F-Compression Tool (Fixed) with four RTQ™ F-Connectors 	33-631
LinearX®3 F/BNC/RCA Compression Tool (Adjustable) with four RTQ™ F-Connectors	33-632

Connector & Tool Compatibility Chart

Type	IDEAL Connector	OmniSeal™ Pro XL 30-793	LinearX®3 33-632	LinearX®1 33-631
F	F 6 RTQ™	✓	✓	✓
	F 6Q RTQ™	✓	✓	✓
	F 6 RTQ™ 90°	✓	✓	—
	F 59 RTQ™	✓	✓	✓
	F 6 NJX™	✓	✓	✓
	F 6Q NJX™	✓	✓	✓
BNC	BNC 59	✓	✓	—
	BNC 59 90°	✓	✓	—
	BNC 6 RTQ™	✓	✓	—
RCA	RCA 6	✓	✓	✓

✓ No tool adjustment needed. ✓ Tool adjustment needed. — Not compatible.

Compression Connectors



RTQ™ Reg/Tri/Quad F-Connectors

- Fits 60% regular, tri-shield and quad shield cables
- Nickel-plated, brass-construction for superior corrosion resistance
- Designed for use in satellite and cable TV installations
- WeatherProof™ for indoor and outdoor use
- Use 30-793 or LinearX Compression Tools
- New INSITE™ 90° RG-6 F-Connector version available



INSITE™ BNC Connectors

- Clear 360° window for confident cable insertions
- Nickel-plated, brass-construction for superior corrosion resistance
- Moisture-inhibiting design
- Use 30-793, 30-603 or 33-632 Compression Tool
- 75 Ohm nominal impedance
- Gold-plated pin contact area
- Available in plenum versions



NJX™ F-Connectors

- 75 ohm nominal impedance
- Bandwidth up to 3 GHz
- Compatible with all IDEAL Compression Tools
- Compact body size
- RG-6 and RG-6 Quad versions



TLC™ F-Connectors

- No compression tool required
- 75 ohm nominal impedance
- Bandwidth up to 3 GHz
- Compact body size
- RG-6 version

NJX™ F-Compression Connectors

NJX™ RG-6



NEW

NJX™ RG-6 Quad

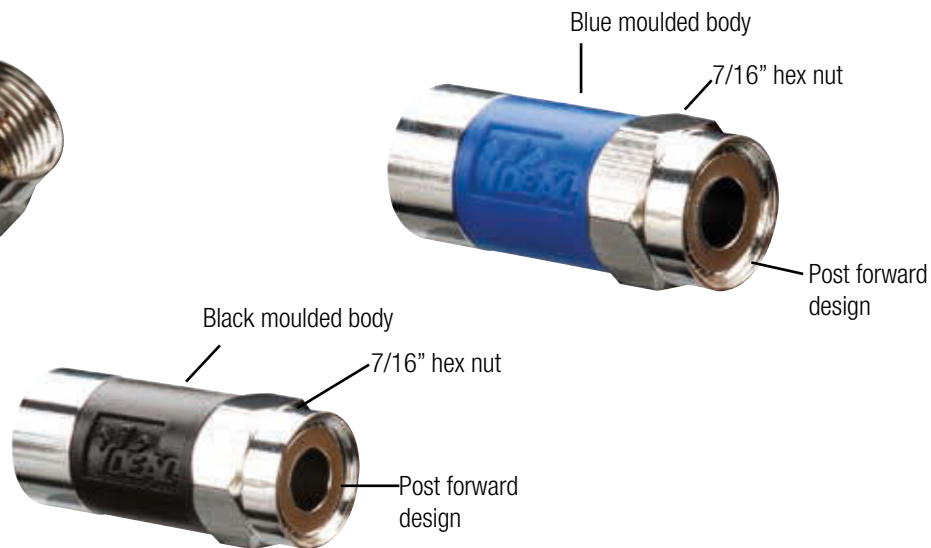


The new NJX™ (pronounced “injects”) compression connector offers a high performing, reliable and economical solution designed for applications that do not require weatherproof connectivity. NJX™ is also great for installers looking to upgrade from traditional hex crimp or twist-on coax F termination methods.

Available in F-Type interfaces for RG-6 and RG-6 Quad cables, the NJX™ connectors are an indoor cable specific alternate to the OmniConn™ series of products. NJX™ connectors require the same 6.5 mm x 6.5 mm (1/4” x 1/4”) cable preparation and compression termination as all other IDEAL compression connectors.

Colour coded, injection moulded bodies make these connectors lighter, more compact, and more cost effective for installers. Unlike traditional compression connectors that get shorter when compressed, the NJX™ series connectors have a post-forward design, which during compression, is “injected” into the body of the connector. Although these connectors are shorter, they still utilise the same compression settings and stroke length as all IDEAL F-compression connectors. Once compressed, the cable is secured creating a permanent 360° compression ring on the cable. NJX™ connectors are designed for applications from 5MHz to 3GHz including CATV and satellite.

For outdoor/weatherproof or universal cable compression products, the RTQ™ series of compression products are recommended.



TLC™ Tool-Less Compression Connectors

TLC™ RG-6



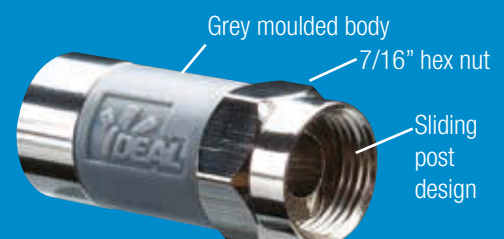
NEW

The new TLC™ (Tool-Less Compression) RG-6 F compression connector is our simplest, fastest and lowest total cost solution for installing compression connectors. Designed to save the installer **Time, Labour and Cost** when installing indoor RG-6 F-Type connections **no compression tool is required** to terminate these connectors.











The TLC™ connector is an indoor, cable specific alternate to the NJX™ series of products.

The TLC™ connector uses the standard 6.5 mm x 6.5 mm (1/4” x 1/4”) cable preparation, that does not require a compression tool to complete the termination process. TLC™ series connectors feature a sliding post design to capture and secure the cable inside of the connector. After the cable is inserted, tightening the connector to the device completes assembly process, creating a 360° compression point and a permanent connection.

IDEAL F/BNC insertion tools (35-046, 35-042, 35-043) can be used (but are not required) when installing the TLC™ cable assembly to ensure connectors are properly torqued and fully seated to the female barrel. These connectors are designed for applications from 5MHz to 3GHz including CATV and satellite.



Compression Connectors

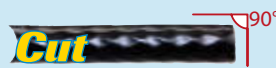
Model	Type	Model	Cable Type	Qty.	Cat. No.
	F	RTQ™	RG-59 / Reg/Tri/Quad	Card of 10 Jar of 50	92-611 92-610
	F	RTQ™	PF100/CT100/RG-6/ Reg/Tri/Quad	Card of 10 Jar of 50	92-651 92-650
	RCA	RTQ™	RG-6	Jar of 35	89-580
	F	TLC™	RG-6	Card of 10 Card of 50	85-068 85-168
	F	NJX™	RG-6	Card of 10	89-040
	F	NJX™	RG-6 Quad	Card of 10	89-041
	F	InSITE™ RTQ™ 90°	RG-6	Card of 5	92-691
	BNC	InSITE™ 90°	RG-59	Card of 5	92-693
	BNC	InSITE™ RTQ™	RG-6	Card of 15	89-048
	BNC	InSITE™	RG-59	Card of 15	89-047

All IDEAL compression connectors require a standard 6.5 mm x 6.5 mm (1/4" X 1/4") cable preparation. This preparation (see instructions below) leaves 6.5 mm (1/4") of the centre conductor exposed and an additional 6.5 mm (1/4") of the shielding exposed.

Prep tools are available in single, two or three blade models. Two blade models are the most commonly used type of stripping tool for coax compression as they remove both 6.5 mm (1/4") sections at one time during the prep. Single blade models require two separate stripping actions for compression preparation.

IDEAL has several models of cable preparation tools that are compatible with compression connectors, each having various feature choices such as user adjustable blade depths, replaceable blades, number of active blades, product size and hand motion required to prep the cable.

Compression Cable Prep Instructions



Start with a clean piece/fresh cut of coax.



Prep/strip cable to size.



Fold back braiding. Leave inner foil intact.



Check for flush dielectric and no visible wrapped braiding strands.



Fully compress the connector with appropriate tool.



Connect to device. Use the F/BNC insertion tool if needed to reach proper tightening torque.

Coax Installation Kits

IDEAL offers a range of kits for cutting, stripping, and terminating coax cables using compression connectors.

Kits are supplied either in handy carry pouch or plastic storage case.

Economy Compression Kit – 33-620



■ This starter kit includes the tools and connectors to cut, strip and terminate coax cables.

■ Kit Includes:

LinearX®3 Compression Tool (Adjustable)

45-074 Data T®-Cutter

45-605 PrePRO® Cable Stripper

92-610 RG-59 RTQ™ Compression Connectors, qty. 10

92-650 RG-6 RTQ™ Compression Connectors, qty. 30

Pro XL Compression Hip Kit – 33-793



■ Cut, strip and terminate in one handy professional tool kit.

■ Kit Includes:

30-793 OmniSeal™ Pro XL Compression Tool

45-605 PrepPRO® Coax (59/6/6Q)/UTP Cable Stripper

45-074 Data T®-Cutter

Pouch with Belt Clip

LINEARX® Hip Kit - 33-622

■ Cut, strip and terminate F connectors in one handy starter tool kit

■ Kit Includes:

LinearX®1 F-Compression Tool (Fixed)

45-074 Data T®-Cutter

45-605 PrePRO® Cable Stripper

Pouch with clip



Kinetic Super™ Wire Stripper/Crimper



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

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

Insulation Displacement Connectors (IDC)

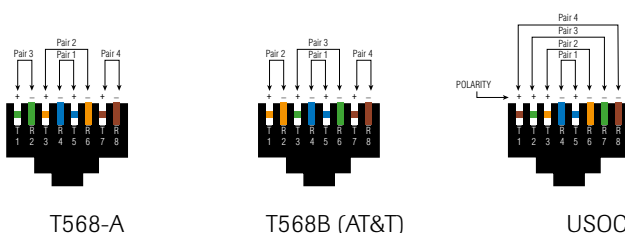


IDC connectors create fast splice and tap connections on solid copper wires. Designed for low voltage telecommunication cables.

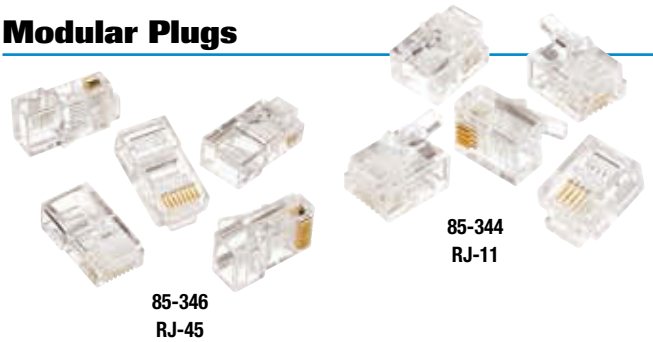
- Moisture-resistant sealant protects wires from corrosion
- Use with solid copper single-conductor wire
- Kinetic Super™ Wire Stripper/Crimper easily cuts and strips 22 to 24 AWG solid wire

Description	Qty.	Cat. No.
UR-I, 3-Wire Butt Splice IDC	25	85-925
UR-I, 3-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

Wiring Configurations for Modular Plugs



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
6-Position 6-Contact, RJ-11	25	85-345
6-Position 4-Contact, RJ-11	25	85-344

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

Strain Relief Boots for Modular Plugs

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

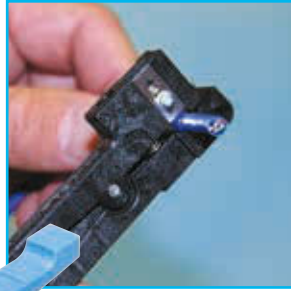


Description	Qty.	Cat. No.
Strain Relief Boots for Modular Plugs	25	85-380

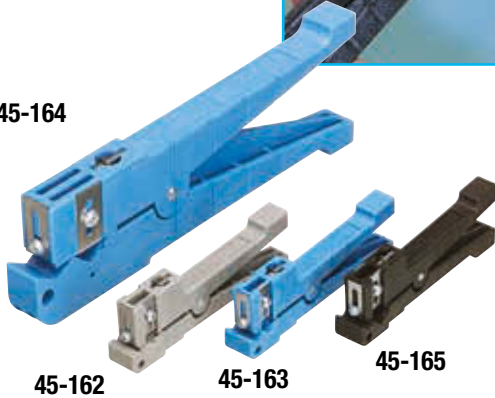
Modular Plugs and IDC's

UTP/STP/Coaxial Cable Strippers

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



45-164



45-162

45-163

45-165

Description	Typical RG Cables	Cat. No.
Coaxial Cable Stripper, up to 1/8 in. (3.2mm) O.D.	RG-174, RG-187	45-162 (Grey)
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)
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.

Coax Stripper

- Specific adjustments needed for each cable size
- For crimp BNC and TNC connectors
- Strips braid 0.240 in. or 6mm and dielectric 0.240 in. or 6mm



Description	Cat. No.
Coax Stripper - 3 Step • For crimp BNC and TNC connectors • Strips braid 0.240 in. or 6mm and dielectric 0.240 in. or 6mm	45-520

Cable/Satellite/CCTV Coax Stripper

- Designed for fast and easy 6.4 mm (1/4") x 6.4 mm (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

PrepPRO™ Coax/UTP Cable Stripper

- Auto adjusting blade depth for 6/6Quad/59 coax cable
- 1/4" x 1/4" coax preparation
- Replaceable blade cartridges
- CAT5e/6 jacket stripping
- Spring loaded for consistent cutting force



Description	Cat. No.
PrepPRO™ Coax/UTP Cable Stripper	45-605

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 steel reinforced)
- Steel reinforced centre conductors can be trimmed with bolt cutting holes
- Locking latch keeps tool closed in pouch

Bad Oval dielectric



Good Round dielectric



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




1GHz Cable Splitters

- Nickel-plated housing, soldered back
- High-performance impedance - balanced Printed Circuit Board design
- Bandwidth: 5MHz - 1 GHz Impedance: 75 Ω; Splits signals up to 8 outlets



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



Description		Cat. No.
High Performance Cable Splitter, 5MHz-1GHz, 2-Way		85-132
High Performance Cable Splitter, 5MHz-1GHz, 4-Way		85-134
Coax Cable F-Terminators - for all open ports on coax wall plates and splitters - Card of 10		85-038

Item	Page
1GHz Cable splitters.....	E-17
7-in1 Stripper	B-7
A	
Accessories for networks testers.....	E-7
Adjustable Cable Lockout.....	C-5
Amplifier Probe.....	E-8
Anti-Oxidant, Noalox®.....	B-5
Aqua-Gel® II Cable Pulling Lubricant.....	B-4
Auto-Lock™ Tape	
Measure.....	B-14
B	
Bag, Large Mouth	B-14
BenderBoot™	B-6
Benders, Conduit	B-6
Big Kahuna™ Cable Cutter	B-10
Blued-Steel™ Fish Tapes	B-2, B-3
C	
Cable Certifier, LanTEK® II	E-2
Cable Cutter PowerBlade™ B-10	
Cable Cutter, Ratcheting	B-11
Cable Cutters	B-9
Cable Lockout, Adjustable	C-5
Cable Splitters.....	E-17
Cable Stripper, Twin & EarthB-8	
Cable/Satellite/CCTV Coax Stripper	E-16
CAT 6 RJ-45 Modular Plugs.....	E-15
CCTV/Satellite Coax Stripper.....	E-16
CCTV/Security Tester, SecuriTEST PRO	E-7
Certifier, Cable, LanTEK® II	E-2
Circuit Breaker Finder	D-8
Circuit Breaker Lockouts.....	C-5
Circuit Tracers, SureTrace™	D-6, D-7
Clamp Meter Selection Guide	D-2
Clamp Meters, Clamp-Pro™	D-4
Clamp Meters, TightSight®	D-3
Clamp-Pro™ Clamp Meters	D-4
ClearGlide™ Wire Pulling Lubricant	B-4
Coax Cable F-Terminators	E-13
Coax Strippers.....	E-16
Compression Connectors	E-11-E13
Coax Installation Kits.....	E-14

Item	Page
Compression Tools.....	E-10
Conduit Benders.....	B-6
Connectors, Insulation Displacement	E-15
Contractor Lockout/Tagout Kit	C-2, C-3
Contractor Pro Lockout/Tagout Kit	C-2, C-3
Crimp Tool, Crimpmaster™	E-9
Crimp Tool, Ratchet.....	B-14
Crimper/Stripper, Kinetic Super™	E-15
Crimpmaster™ Crimp Tool	E-9
Cutter, Cable Ratcheting	B-11
Cutter, Data	B-9, E-17
Cutter, Long-Arm	B-9
Cutter, PowerBlade™	B-10

D	
Data & Video, Voice Verifier	E-5
Data Cable Transmission Tester, SignalTEK CT	E-3
Data T®-Cutter	B-9, E-17
Digital Circuit Breaker Finder	D-8
Digital Light Meter.....	D-5
Digital Voltage Tester, Vol-Con® Elite	D-5
Displacement Connectors, Insulation	E-15
Domestic Installer Lockout/Tagout Kit	C-2, C-3
Duct Seal.....	B-5

E	
Economy Compression Kit	E-14
Electrical Plug Lockouts	C-6

F	
FiberMASTER™ Fibre Optic Testers	E-6
FIBERTEK® FDX Modules	E-2
Fibre Optic Testers.....	E-6
Fish-Tapes.....	B-2, B-3
F-Terminators, Coax Cable	E-13
Fuse Puller, Safe-T-Grip®	B-14

H	
Hacksaw, Heavy-Duty	B-14
Handles for Benders	B-6
Hasp, Universal.....	C-4

I	
In-Line Wire Connectors, SpliceLine®.....	A-4

Item	Page
InSITE™ Compression Connectors	E-11-E13
Installer, Domestic, Lockout/Tagout Kit	C-2, C-3
Insulated T®-Stripper Wire Stripper, Premium.....	B-8
Insulation Displacement Connectors	E-15
In-Sure™ Lever Wire Connectors	A-3
In-Sure™ Push-In Wire Connectors	A-2

K	
Kahuna™, Big Cable Cutter	B-10
Kinetic Super™ Wire Stripper/Crimper.....	E-15

L	
LanTEK® II Series Cable Certifier.....	E-2
Leads, Test.....	D-3, D4
Lever Wire Connectors, In-Sure™	A-3
Light Meter, Digital	D-5
Lil' Ripper Stripper	B-7
LinearX® Hip Kit	E-14
LinearX® Compression Tool.....	E-10
LinkMaster™ Tester	E-8
Lock Stations.....	C-6
Lockout Device, Tie-Bar	C-5
Lockout Devices, MCB	C-5
Lockout Devices, Universal MCB	C-5
Lockout Hasps, Steel,	C-4
Lockout Tags.....	C-6
Lockout/Tagout Kits.....	C-2, C-3
Lockouts, Circuit Breaker	C-5
Lockouts, Electrical Plug	C-6
Logout Hasp, Non-Conductive	C-4
Long-Arm Cable Cutter.....	B-9
Lubricants, Wire Pulling	B-4

M	
Marking Pen	C-6
MCB Lockout Devices.....	C-5
Mini-MCB Lockout Device	C-4
Modular Plugs.....	E-15
Modules, Fibre	E-2
Multimeter Selection Guide	D-2
Multimeters, Test-Pro®.....	D-4

Item	Page
N	
NaviteK II Network Troubleshooter	E-4
Network Compression kits	E-14
Network tester accessories.....	E-7
Network Transmission Tester, SignalTEK II	E-4
Network Troubleshooter, NaviteK II	E-4
NJX™ Compression Connectors	E-11-E13
Noalox® Anti-Oxidant.....	B-5
No-Hole Lockout Devices	C-5
Non-Conductive Logout Hasp	C-4
Non-Conductive Safety Padlocks.....	C-4
Non-Contact Voltage Tester, VoltAware™	D-5

O	
OmniSeal™ PRO Compression Tools.....	E-10
Optical, Fibre Testers.....	E-6

P	
Padlocks, Safety	C-4
Pen, Marking.....	C-6
Personal Lockout/Tagout Kit	C-2, C-3
Plug Lockouts, Electrical	C-6
Pouch.....	C-6
PowerBlade™ Cable Cutter	B-10
Premium Insulated T®-Stripper Wire Stripper.....	B-8
PrepPRO™ Coax/UTP Cable Stripper.....	E-16
Pro XI Compression Hip Kit	E-14
Puller, Fuse, Safe-T-Grip®	B-14
Punch Down Tools.....	E-9
Push-In Wire Connectors, In-Sure™	A-2

Q	
Quick Change Screwdriver	B-13

R	
Ratchet Crimp Tool	B-14
Ratchet Telemaster™	E-8
Ratcheting Cable Cutter	B-11
Reflex™ Premium T®-Stripper Wire Strippers.....	B-7
RTQ™ Compression Connectors	E-11-E13

<u>Item</u>	<u>Page</u>	<u>Item</u>	<u>Page</u>
S			
Safe-T-Grip®		Transmission Tester,	
Fuse Puller	B-14	Data Cable, SignalTEK CT. . .	E-3
Safety Padlocks.	C-4	Transmission Tester,	
Satellite/CCTV		Network, SignalTEK II	E-4
Coax Stripper.	E-16	Twin & Earth Cable Stripper	B-8
Screwdriver, Quick		Twister® Wire Connectors .	A-5
Change.	B-13	U	
SecuriTEST PRO		Universal Hasp	C-4
CCTV/Security Tester.	E-7	Universal MCB Lockout	
Selection Guide,		Devices.	C-5
Clamp Meter	D-2	UPT/STP/Coaxial Cable	
Selection Guide, Multimeter	D-2	Strippers.	E-16
SignalTEK CT Data Cable		V	
Transmission Tester	E-3	VDV II, Voice, Data &	
SignalTEK II Network		Video Verifier.	E-5
Transmission Tester.	E-4	Video, Voice & Data Verifier	E-5
Socket Tester.	D-8	Visual Fault Finder	E-6
SpliceLine® In-Line Wire		Voice, Data & Video Verifier	E-5
Connectors	A-4	Vol-Con® Elite Digital	
Splitters, Cable	E-17	Voltage Tester.	D-5
Stations, Lock	C-6	Voltage Tester, Digital	D-5
Steel Lockout Hasps	C-4	Voltage Tester, Non-Contact	D-5
STP/UTP Coaxial Cable		VoltAware™ Non-Contact	
Strippers.	E-16	Voltage Tester.	D-5
Strain Relief Boots	E-15	Volt-Guard Fish Tapes. B-2, B-3	
Stripmaster® Wire Stripper	B-8	W	
Strippers, Coax	E-16	WeatherProof® Wire	
Strippers, T®-Stripper Wire	B-7	Connectors	A-5
SureTrace™ Circuit		Wire Connector Kits.	A-6
Tracers	D-6, D-7	Wire Connectors,	
T			
T®-Cutter Data.	B-9, E-17	In-Sure™ Lever.	A-3
T®-Stripper Wire Strippers.	B-7	Wire Connectors, In-Sure™	
Tagout, Lockout Kits . .	C-2, C-3	Push-In.	A-2
Tags, Lockout	C-6	Wire Connectors,	
Tape Measure,		SpliceLine® In-Line.	A-4
Auto-Lock™	B-14	Wire Connectors, Twister®.	A-5
Telemaster™ RJ11/RJ-45		Wire Connectors,	
Crimp Tool.	E-8	WeatherProof®.	A-5
Telemaster™, Ratchet.	E-8	Wire Crimper/Stripper,	
Test Leads	D-3	Kinetic Super™	E-15
Tester, LinkMaster™	E-8	Wire Cutter, T®-Cutter	B-9
Tester, Socket	D-8	Wire Pulling Lubricants.	B-4
Testers, Data Cable		Wire Stripper, Stripmaster®	B-8
Transmission, SignalTEK CT	E-3	Wire Stripper/Crimper,	
Testers, Network		Kinetic Super™	E-15
Transmission, SignalTEK II .	E-4	Y	
Test-Pro® Multimeters	D-4	Yellow 77® Wire Pulling	
Tie-Bar Lockout Device.	C-5	Lubricant	B-4
TightSight® Clamp Meters.	D-3	Z	
TLC™ Compression		Zoom™ Fish Tapes.	B-2, B-3
Connectors	E-11-E13		
Tone & Probe Kit	E-8		
Tone Generator.	E-8		
Tools, Punch Down	E-9		

Item	Page	Item	Page	Item	Page	Item	Page
441.001	C-5	30-579	E-9	35-478	E-9	61-775	D-3
441.002	C-5	30-580	E-9	35-482	E-9	61-955	D-6, D-7
441.003	C-5	30-581	E-9	35-485	E-9	61-957	D-6, D-7
441.004	C-5	30-582	E-9	35-933	B-13	61-959	D-6, D-7
15...		30-696	E-8	35-934	B-13	62-	
150050	E-7	30-793	E-10	44-		62-160	E-8
150054	E-7	31-		44-0487	C-6	62-164	E-8
150055	E-7	31-055	B-3	44-0488	C-6	62-200	E-8
150056	E-7	31-056	B-3	44-2393	C-5	74-	
150057	E-7	31-057	B-3	44-2394	C-5	74-002	B-6
150058	E-7	31-090	B-3	44-428EU	C-4	74-003	B-6
150059	E-7	31-092	B-3	44-5833EU	C-6	74-019	B-6
151051	E-7	31-351	B-4	44-778-SO	C-6	74-020	B-6
151052	E-7	31-355	B-4	44-806-SO	C-6	74-027	B-6
151053	E-7	31-358	B-4	44-808	C-5	74-028	B-6
151054	E-7	31-378	B-4	44-833EU	C-2	83-	
156050	E-7	31-388	B-4	44-924	C-3	83-001	B-14
158050	E-7	31-542	B-3	44-925	C-3	85-	
158051	E-7	31-544	B-3	44-985UK	C-3	85-038	E-17
158053	E-7	31-601	B-5	44-995	C-3	85-068	E-13
30-		31-605	B-5	45-		85-132	E-17
30-024	B-5	33-		45-025	B-7	85-134	E-17
30-026	B-5	33-620	E-14	45-074	B-9, E-17	85-168	E-13
30-087	A-2	33-622	E-14	45-120-341	B-7	85-344	E-15
30-088	A-2	33-631	E-10	45-123	B-9	85-345	E-15
30-090	A-2	33-632	E-10	45-125-341	B-7	85-346	E-15
30-1032	A-2	33-719	E-15	45-162	E-16	85-366	E-15
30-1033	A-2	33-793	E-14	45-163	E-16	85-380	E-15
30-1034	A-2	33-864	E-8	45-164	E-16	85-900	E-15
30-1042	A-4	33-892	E-7	45-165	E-16	85-925	E-15
30-1052	A-3	33-927	E-6	45-235	B-8	85-950	E-15
30-1053	A-3	33-928	E-6	45-292-341	B-8	85-960	E-15
30-1055	A-3	33-929	E-6	45-321	E-16	86-	
30-1059	A-3	33-931	E-6	45-425-341	B-7	86-925	E-15
30-1161	A-5	33-990-FA01	E-2	45-520	E-16	87-	
30-1162	A-5	33-990-FA03	E-2	45-605	E-16	87-925	E-15
30-1163	A-5	33-990-FA04	E-2	45-777	B-7	89-	
30-1342S	A-4	33-991	E-2	45-9120-341	B-8	89-040	E-13
30-144	A-5	33-992	E-2	61-		89-041	E-13
30-340	A-5	33-993	E-2	61-025EU	D-5	89-047	E-13
30-341	A-5	34-		61-090EU	D-5	89-048	E-13
30-342	A-5	34-002	B-14	61-184EU	D-8	89-580	E-13
30-496-001	E-8	35-		61-340	D-4	92-	
30-5000EU	A-6	35-033	B-9	61-342	D-4	92-610	E-13
30-5001EU	A-6	35-053	B-12	61-534EU	D-8	92-611	E-13
30-5005EU	A-6	35-076	B-10	61-686	D-5	92-650	E-13
30-5006EU	A-6	35-078	B-10	61-744	D-4		
30-5011EU	A-6	35-078	B-10	61-746	D-4		
30-5020EU	A-6	35-242M	B-14	61-763	D-3		
30-5021EU	A-6	35-260	B-14	61-765	D-3		
30-506	E-9	35-410	B-14	61-773	D-3		
30-559	E-9						

<u>Item</u>	<u>Page</u>	<u>Item</u>	<u>Page</u>
92-651	E-13	R156002	E-3
92-691	E-13	R158000	E-5
92-693	E-13	R158002	E-5
		R158003	E-5
		RC-955	D-7
		RC-959	D-7
B			
BP-958	D-7		
C		T	
CR-959	D-7	TL-100	D-4
		TL-102EU	D-5
H		TL-104	D-3
H-4076	B-6	TL-956	D-7
		TR-955	D-7
I		V	
IA-2280	C-5	VFF5	E-6
IA-3240	C-6		
IA-5502	C-4		
IC-958	D-7		
K			
K-40611	C-4		
K-40612	C-4		
K-41021	C-4		
K-7566	C-6		
K-8330	C-4		
K-8334	C-4		
K-8336	C-4		
KB-0224	C-4		
KB-0226	C-5		
KB-0227	C-5		
KB-0231	C-4		
KB-0234	C-5		
KB-0375	C-5		
KB-1234	C-4		
L			
L-9225	E-16		
L-9226	E-16		
LA-2182	C-5		
LA-4102	E-8		
LB-1747	E-8		
M			
MGKX2	E-7		
MGKSX1	E-7		
MGKZX3	E-7		
R			
R151000	E-4		
R151002	E-4		
R153000	E-4		
R156000	E-4		
R156001	E-4		

Merchandising

Point-of-purchase communication is an important aspect of IDEAL sales strategy. We are committed to helping our distributors move our products off their shelves. To do that, we've developed a variety of exciting, useful ways to increase a store's association with IDEAL and to build repeat customers.



Counter Top Displays



WIRE CONNECTOR DISPLAYS

IDEAL offers a range of merchandising solutions to display pre-defined or custom profiles of push-in, lever wire, SpliceLine and twist-on wire connectors. Options include floor standing and more compact counter/shelf display units, each designed to create high impact and drive impulse sales.



DATACOM PROFILE

IDEAL offers a complete solution for the network / data installer. Our range includes tools, connectors and network testers - cut, strip, terminate and test coaxial and twisted pair cables. Each profile is supported by POS materials including header boards and posters to create displays within displays.



LOCKOUT KITS

Lockout kits are merchandised using this high impact backing board. Designed to display the most popular lockout kits, this backing board fits on any configuration of slat wall. It also drives additional sales of lockout/tagout products such as safety padlocks and spare MCB lockout devices.



POSTERS

Using posters is an effective way to create more interesting and eye catching displays. IDEAL offers a range of posters designed to support products on display and generate product awareness and incremental sales on non-stocked products.



1M DISPLAY STAND

A 1m metal slat wall display stand is available to support the merchandising and sales of IDEAL products. These illuminated stands are perfect for displaying a range of core IDEAL profiles such as lockout kits, DataCom, wire connectors and cable installation products.