



FT-45™

MODULAR FEED-THRU SOLUTIONS

idealind.com



FT-45™ Modular Plug Crimp Tool

The FT-45™ is a simple, compact and highly effective crimp tool for installers and technicians that terminate RJ-45 connectors regularly.

Enables conductors to be cut flush with the end face of the connector when used with the FT-45™ tool.

- **Speed** - The simplified process of RJ-45 data terminations increases productivity
- **Accuracy** - Cleanly shears the excess conductors and leaves a smooth, flat finish
- **Reliability** - Clear connector design for visual inspection of wiring order reducing errors
- **Compact** - Easily fits in your pocket and lightens the tool bag load
- **Versatile** - Suitable with Feed-Thru, standard, or shielded connectors (CAT5e, CAT6 or CAT6A)
- **Heavy duty** - Cutting blade that will last for over 2,000 cuts
- **Ergonomic** - Reduced hand force compared to traditional crimp tools
- **Wiring scheme** - 568A & 568B marked on the tool
- **Easily maintained** - Replaceable cutting blades available

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

CAT5e/6/6A Feed-Thru RJ-45 Modular Plugs

Open end Feed-Thru connectors offer several advantages over standard closed end connectors.

- Reduces errors - Wires can be easily verified before trimming.
- Easy to use - Conductors do not need to be pre-trimmed to a specific length
- Improved wire stability - 3 prong contacts into every wire for more conductive contact points

**Large Diameter
CAT6A/6/5e**



CAT6 Feed-Thru



**CAT6 Standard
3-Piece***



**CAT5e Shielded
Feed-Thru**



CAT5e Feed-Thru



**CAT5e Standard
Shielded**



CAT5e Standard**



Description	Qty.	Cat. No.
CAT6A ^{***} /6/5e Shielded Feed-Thru RJ-45 Modular Plugs	10	85-363
CAT6A ^{***} /6/5e Shielded Feed-Thru RJ-45 Modular Plugs	25	85-368
CAT6A ^{***} /6/5e Shielded Feed-Thru RJ-45 Modular Plugs	50	85-369
CAT6A ^{***} /6 Unshielded Feed-Thru	50	85-385
CAT5e Shielded Feed-Thru RJ-45 Modular Plugs	25	85-365
CAT5e Shielded RJ-45 Modular Plugs	25	85-361
CAT5e Feed-Thru RJ-45 Unshielded Modular Plugs	25	85-370
CAT5e Feed-Thru RJ-45 Unshielded Modular Plugs	10	85-370-10
CAT5e Feed-Thru RJ-45 Unshielded Modular Plugs	50	85-371
CAT5e Feed-Thru RJ-45 Unshielded Modular Plugs	100	85-372
CAT6 Feed-Thru RJ-45 Unshielded Modular Plugs	25	85-375
CAT6 Feed-Thru RJ-45 Unshielded Modular Plugs	10	85-375-10
CAT6 Feed-Thru RJ-45 Unshielded Modular Plugs	50	85-376
CAT6 Feed-Thru RJ-45 Unshielded Modular Plugs	100	85-377

*see page 5 (85-366) / **see page 5 (85-346)

***only applies to a cable diameter of max. 8.1 mm with inner cores between 1.02-1.22 mm in diameter

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 Shielded	25	85-361
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



**85-344
RJ-11**



**85-346
RJ-45**

CAT6 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.
CAT6 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

* max cable diameter 55 mm (0.22")

Data T[®]-Cutter

- The curved blades minimise cable deformation, which helps keep the cable impedance (Ω) consistent during connector to cable termination, and allows cable stripping tools to work more efficiently and accurately
- Cuts multi-pair cable up to .500 in. (12.7mm) and coaxial cable up to RG-9/U
- Suitable for copper and aluminium (not steel reinforced)
- Steel reinforced centre conductors can be trimmed with bolt cutting holes
- Spring loaded handles require less effort for repeated cutting
- Locking latch keeps tool closed in pouch to protect blade edges



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

Electrician's Scissors

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



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

PrepPRO[™] Coax/UTP Cable Stripper

- Auto adjusting blade depth for 6/6Quad/59 coax cable
- 1/4" x 1/4" (6.4 x 6.4 mm) coax preparation
- Replaceable blade cartridges
- Spring loaded for consistent cutting force
- CAT5e/6 jacket stripping



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

Data Kits



33-507



33-508

Kit Includes:	33-507	33-508	30-5014EU	30-5015EU	30-5016EU
Unshielded Kit			✓		
Premium Kit				✓	
Smart Home Kit					✓
Feed-Thru RJ-45 Installation Kit	✓				
Twisted Pair Termination Kit		✓			
FT-45™ Modular Crimp Tool	✓	✓	✓	✓	✓
PrepPRO® Coax (59/6/6Q)/UTP Cable Stripper	✓	✓	✓	✓	✓
Data T®-Cutter			✓	✓	
Electrician's Scissors	✓	✓			
Punch Down Tool		✓			
Pouch	✓	✓			
CAT6A*/6/5e Feed-Thru Shielded RJ-45 Modular Plugs				✓ (25)	
CAT5e Feed-Thru Shielded RJ-45 Modular Plugs				✓ (25)	
CAT5e Feed-Thru Unshielded RJ-45 Modular Plugs			✓ (50)	✓ (25)	✓ (10)
CAT6 Feed-Thru Unshielded RJ-45 Modular Plugs			✓ (50)	✓ (25)	

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FT-45™ KITS

SPEED, ACCURACY AND RELIABILITY

With increasingly sophisticated smart building systems comes a requirement for increasingly complex data networks which includes a large number of terminations.

Designed to completely re-think the traditional RJ-45 assembly and crimping process, IDEAL Industries' FT-45 solution allows installers of smart networks to speed up and simplify the termination of RJ-45 plugs by eliminating the need to trim conductors to a precise length before inserting the cable into the plug.

IDEAL kits meet the demands of today's network installers and come in a variety of options with or without the modular plugs, but all including a selection of quality tools required for installing data terminations faster, easier and more consistent.



30-5014EU



30-5015EU