



FT-45™

MODULAR FEED-THRU SOLUTIONS

[idealind.com](http://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	<b>30-495</b>
FT-45™ Replacement Blade	<b>30-4951</b>

SCAN HERE  
FOR FT-45 VIDEO



# CAT5e/6/6A FEED-THRU RJ-45 MODULAR PLUGS

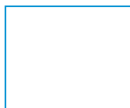
Open end Feed-Thru connectors offer several advantages over standard closed end connectors.

- 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\*\***



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

\*see page 25 (85-366) / \*\*see page 25 (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.

**85-344  
RJ-11**



**CAT5e Standard  
Shielded**



**85-346  
RJ-45**

Description	Qty.	Cat. No.
8-Position 8-Contact, RJ-45 Shielded	25	<b>85-361</b>
8-Position 8-Contact, RJ-45	25	<b>85-346</b>
6-Position 6-Contact, RJ-11	25	<b>85-345</b>
6-Position 4-Contact, RJ-11	25	<b>85-344</b>

## 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	<b>85-366</b>

## 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 - 5.5mm diameter for Cat5e	25	<b>85-380</b>
Strain Relief Boots - 6.5 mm diameter for Cat6	25	<b>85-383</b>

max cable diameter 55 mm (0.22")

## Data T<sup>®</sup>-Cutter

- The curved blades minimise cable deformation, which helps keep the cable impedance ( $\Omega$ ) 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 <sup>®</sup> -Cutter	<b>45-074</b>

## 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	<b>35-088</b>

## PrepPRO<sup>™</sup> 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 <sup>™</sup> Coax/UTP Cable Stripper	<b>45-605</b>

## 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)	

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



# 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

SCAN HERE  
FOR MORE INFO



30-5015EU