

CAT6A/6/5E FEED-THRU

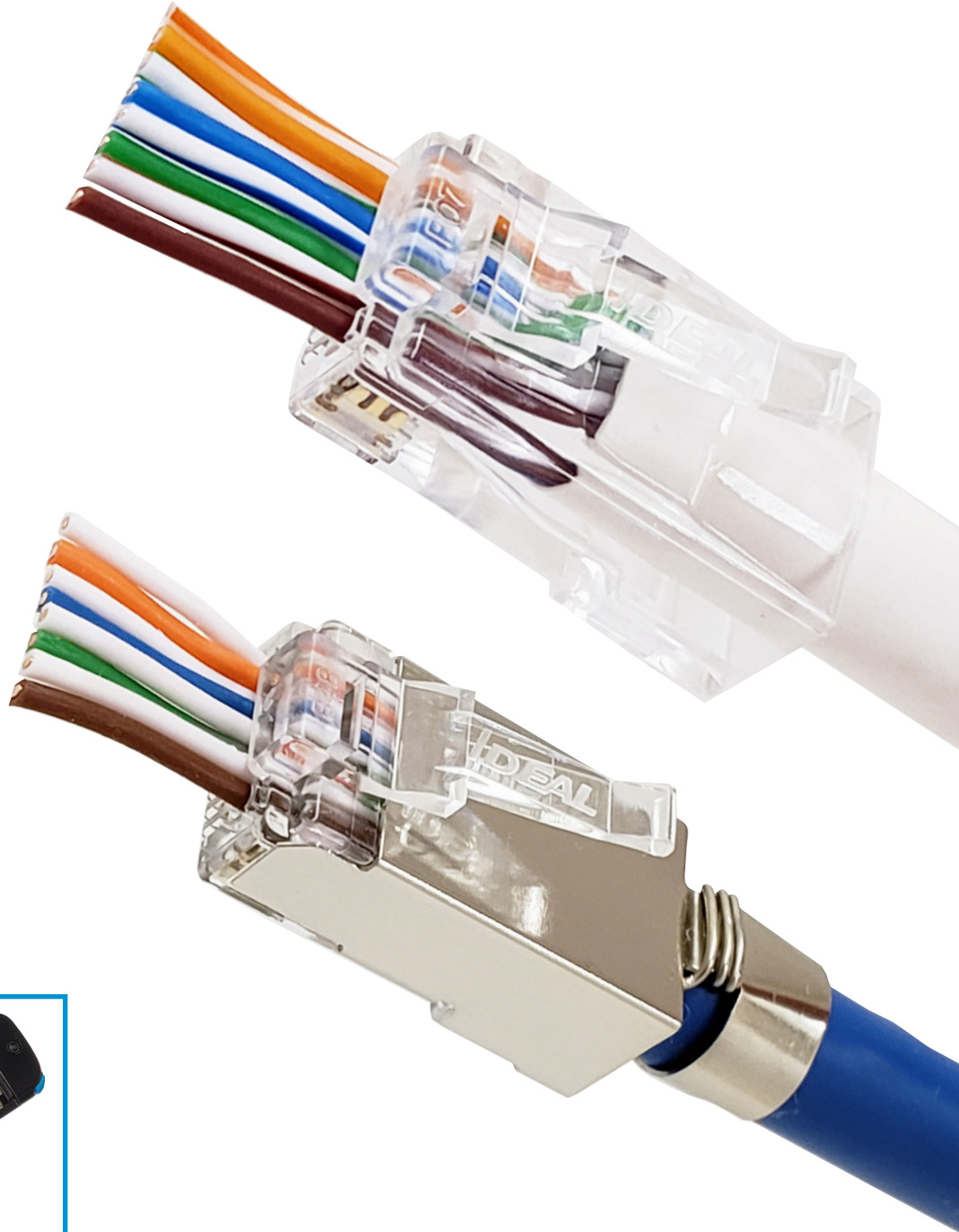
MODULAR PLUGS FOR LARGE DIAMETER CONDUCTORS

CAT5E

CAT6

CAT6A

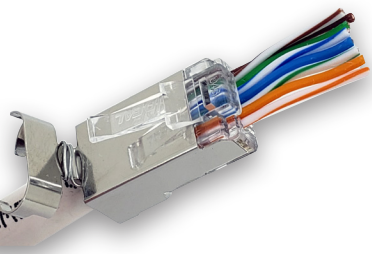
For twisted pair cables with
insulated conductors of
0.040" - 0.048" diameter



Works with
FT-45™ Crimp Tool
- No adjustments
needed

THE ELECTRICIAN'S
CHAMPION™





CAT6A/6/5E FEED-THRU

MODULAR PLUGS FOR LARGE DIAMETER CONDUCTORS

Available in shielded or unshielded models, our 8P8C RJ-45 connectors are compatible with cable conductors ranging from 22 to 24 solid AWG with an overall diameter of 0.040" - 0.048" per conductor.

The single piece, Feed-Thru design simplifies the challenges faced when assembling and terminating twisted pair cables with larger diameter conductors, over 0.041", when use of a standard in-line connector is not an option.

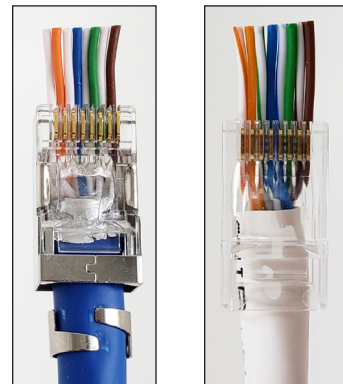
A unique staggered conductor hole layout and multi-length contact pins are incorporated to accommodate the larger conductors. The single-piece housing helps to funnel the conductors through the connector and out of the Feed-Thru end. No precision length trimming, load bars or multi-piece assemblies are required. The connectors are then terminated with the FT-45™ Modular Plug Crimp Tool, which does not require any adjustments or blade changes to use with these connectors.

The shielded connector is designed for 0.040" through 0.048" insulated conductors which are typically found in CAT6A, CAT6, and CAT5e shielded cables. The unshielded connector handles the same range, but is used primarily for CAT6A and thicker CAT6 unshielded cables. For twisted pair cables with maximum conductor diameters of 0.41" or less, we recommend using our in-line CAT5e or CAT6 Feed-Thru connectors.

Shield continuity can be made internally by folding the cable foil over the jacket and making contact with the inside of the connector walls or externally by wrapping the cable drain wire around the base of the jacket strain relief clip. The jacket strain relief clip (shielded model) is pre-positioned in the up position so cable insertion is simplified. The pre-formed clip can be closed and crimped with a standard needle nose or plier-nose device such as the IDEAL® 33-719 or other IDEAL T®-Stripper Wire Strippers. Pin contacts are a 3 prong design and have 50u" gold plated contact areas.

Both plugs are UL Listed. The FT-45™ crimp tool, (30-495) is required to properly terminate these connectors.

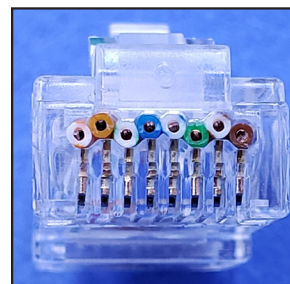
Minimized untwisting of pairs, only 1/4"



Flush cut with FT-45 Tool





Larger diameter staggered conductor design





Smaller diameter in-line conductor design



Ordering Information

| DESCRIPTION | CONDUCTOR DIAMETER | JACKET DIAMETER | QUANTITY | CAT # |
|--|--------------------|-----------------|-----------|---------------|
|  CAT6A/6/5e Shielded Feed-Thru | .040" - .048" | Max .320" | 10 / Card | 85-363 |
| | | | 25 / Card | 85-368 |
| | | | 50 / Jar | 85-369 |
|  CAT6A/6 Unshielded Feed-Thru | | | 50 / Card | 85-385 |

Recommended Tools

| | |
|--|---------------|
|  FT-45™ Feed-Thru Modular Plug Crimping Tool | 30-495 |
|  Feed-Thru RJ-45 Installation Hip Kit | 33-507 |

P-6025 (5-20) ©2020 IDEAL INDUSTRIES, INC.

IDEAL CUSTOMER SERVICE:
orderdesk@idealindustries.com
 1-800-824-3325
www.idealindustries.ca

THE ELECTRICIAN'S
CHAMPION™

