A Better Way to Move Data Through Large Cables & Conductors

106250

The **PoE+ 10Gig Shielded RJ45 Field Plug** optimizes data throughput to PoE+ powered devices. This plug is compatible with a wide assortment of large cables with large conductors. Its cast-metal shell provides end-to-end shielding from extraneous noise interference in high-bandwidth applications.

Construction & Dimensions

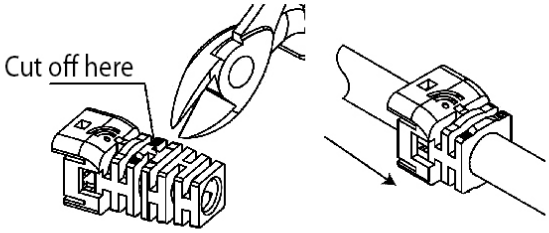
PRODUCT OVERVIEW	
Description	The PoE+ 10 Gb Shielded RJ45 Field Plug optimizes data throughput to PoE+ powered devices.
Packaging / MOQ	1/Bag - MOQ 20
SPECIFICATIONS	
Dimensions	70.20 mm x 17.85 mm x 14.0 mm
Cable Compatibility	S/FTP or F/FTP Shielding Stranded or Solid 26 AWG - 23 AWG wire
Compliances	ISO/IEC 11801 ANSI/TIA - 568-C.2 ANSI/TIA - 568.2-D IEEE 802.3an 10 Gb Suitabl

KEY FEATURES
HDBastT PoE+ Compliant
Cat 7-6A-6
No Special Crimp Tool Required
Insulation Diameter - .032 in - .057 in
Cable OD Range - .236 in - .315 in
50 Micron Gold Plated Contacts
UL, RoHs Compliant
Solid or Stranded Conductors

Installation Instructions

Wire	1	2	3	4	5	6	7	8
T568A	White/Green	Green	White/Orange	Blue	White/Blue	Orange	White/Brown	Brown
T568B	White/Orange	Orange	White/Green	Blue	White/Blue	Green	White/Brown	Brown

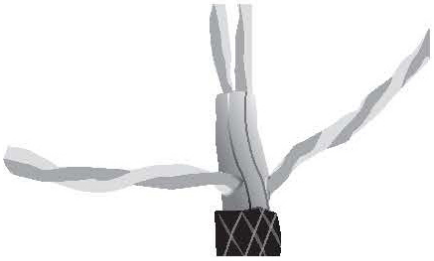
1. If needed cut off part of the strain relief to fit the cable. Then thread the cable through the strainrelief.



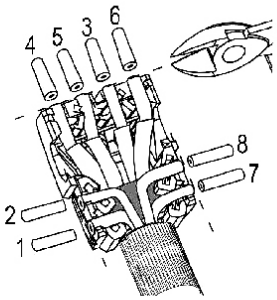
2. Strip off 2" of the cable jacket and fold any braid over the jacket. Wrap the drain wire around the cable jacket and cut off any mylar/cellophane, cable foil and the pair separator spline if applicable.

3. Determine your choice of either T568A or T568B wire configuration (see above chart) and position all 4 pairs, making ready for placement in the wire tray. Peel the foil from the outer pairs (1/2, 7/8) down to the jacket. With the inner pairs (3/6, 4/5), leave 1/2 in of foil on the pairs. Do not separate the wires yet.

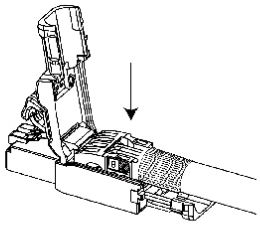
4. Pinch the inner pairs (4/5, 3/6) together to thread through the wire tray.



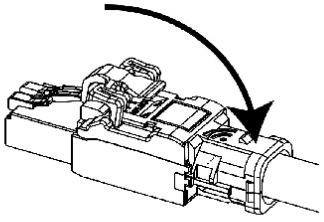
5. Thread the inner pairs (4/5, 3/6) through the wire tray and seat the wires in the proper slots as shown below. Then route the outer pairs on top of the wire tray and seat the wiresas shown. Once the wires are pressed into the slots, trim the excess wires with a pair of flush-cutters.



6. Flip the wire tray upside down and insert it into the connector pressing it firmly into place.



7. Close the connector. The halves should not have any gaps between them. Use a pair of parallel pliers if more force is required.



8. Slide the strain relief up the cable matching the word "PoE+" on the same side of the connector. Push the strain relief and connector together until the parts click into place.