# PoE+ 10Gig Shielded RJ45 Field Plug

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**PLATINUM TOOLS®**

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

## Key Features

- HDBaseT PoE+ compliant
- Cat7/6A/6
- No special crimp tool required
- Insulation diameter: 0.032" - 0.057" (0.8mm - 1.47mm)
- Cable OD: 0.236" - 0.315" (6.0mm - 8.0mm)
- 50 micron gold plated contacts
- UL and RoHS compliant
- Solid or stranded, 26 - 23 AWG

## Specifications

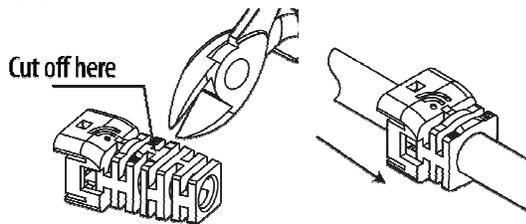| Dimensions | 70.20mm x 17.85mm x 14.0mm |
|---|---|
| Cable Compatibility | S/FTP or F/FTP Shielding<br>Stranded or Solid<br>26AWG – 23AWG wires |
| Compliance: | ISO/IEC 11801<br>ANSI/TIA-568-C.2<br>ANSI/TIA-568.2-D<br>IEEE 802.3an 10GBit Suitable |

## Ordering Information

| Part No. | Description |
|---|---|
| 106250 | PoE+ 10Gig Shielded RJ45 Field Plug - 1/Bag |
| 106251C | PoE+ 10Gig Shielded RJ45 Field Plug - 2/Clamshell |

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# Instructions

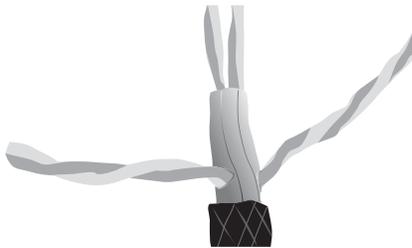| Wire | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|------|---|---|---|---|---|---|---|---|
| T568A | White/Green | Green | White/Orange | Blue | White/Blue | Orange | White/Brown | Brown |
| T568B | White/Orange | Orange | White/Green | Blue | White/Blue | Green | White/Brown | Brown |

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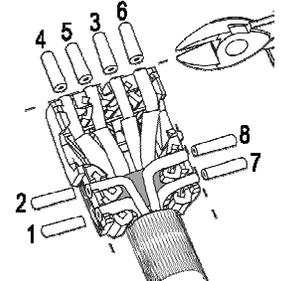
Cut off here

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" of foil on the pairs. Do not separate the wires yet.
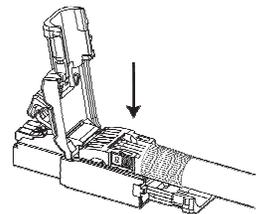
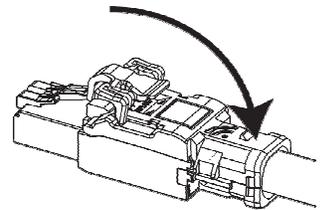4  Pinch the inner pairs (4/5, 3/6) together to thread through the wire tray.

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 wires as 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.

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