ASSEMBLY INSTRUCTION

PS88E5I(W) - RJ45 Shielded Cat5e Plug with Insert

Prerequisites

- Plug — PS88E5I(W) plug housing with insert
- Boot — Optional, PHOOD16 for cable OD 6.5 mm, PHOOD2 for cable OD 5.5 mm
- Cable — 5 mm < OD < 6.5 mm, 4 twisted pairs, shielded, min. Cat5e, stranded (or solid), wire OD 0.89 mm to 1.09 mm, estimated AWG 26 - 24
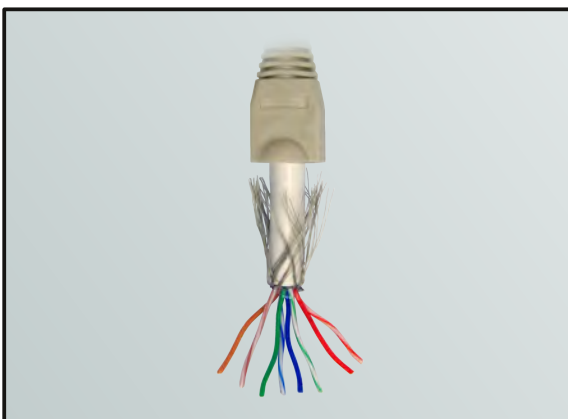- Tool — Handtool K750 or die set U149 for pneumatic crimp machine from bex

Step 1

- Slide the hood over the cable
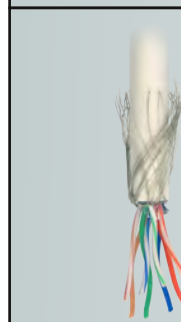- Strip the cable insulation > 20 mm

Step 2

- Turn the braid back over the cable
- Separate the pairs of wire

Step 3

- Score the foil at a length of 2 mm
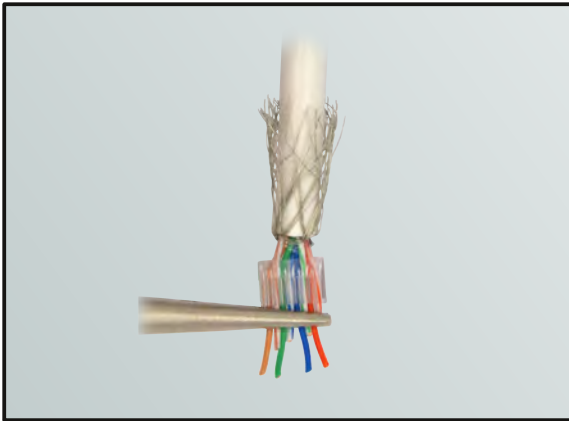- Peel it off, assure all wires are intact

Wiring Scheme: TIA 568 B

1: white/ orange
2: orange solid
3: white/ green
4: blue solid
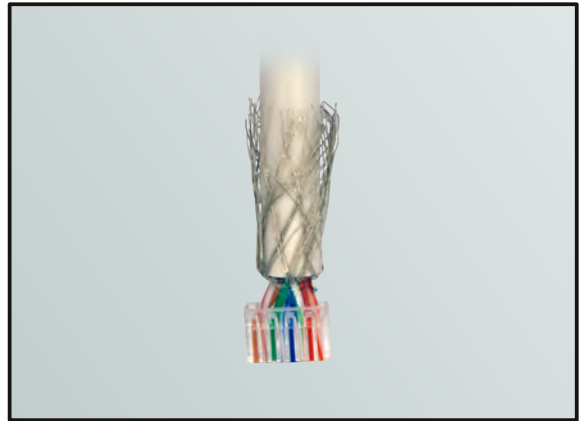5: white/ blue
6: green solid
7: white/brown
8: brown solid

Step 4

- Arrange the wires matching TIA 568 B
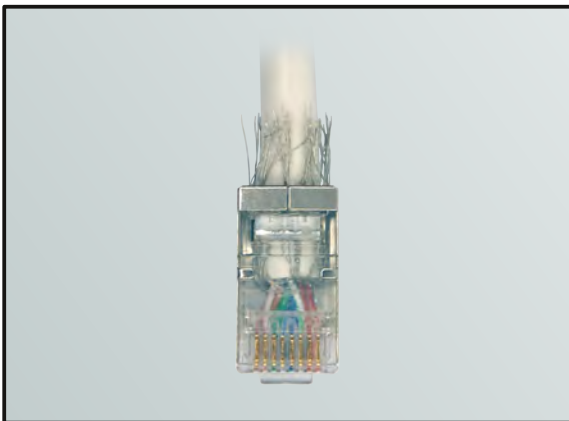- Cut the white colored wires by 5 mm

Step 5

- Thread the wires through the insert
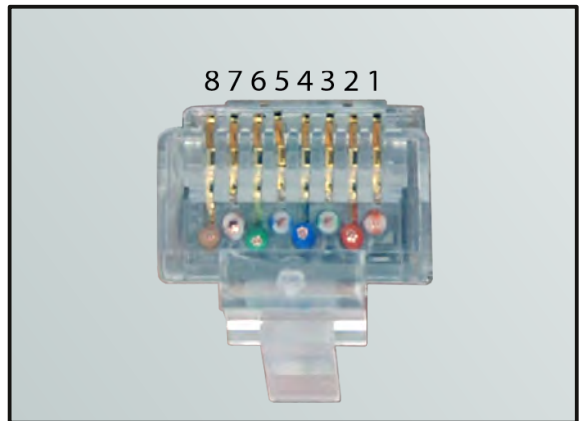- Pull the wires completely through

Step 6

- Cut them straight at the insert's edge
- Hold the insert's open side upwards

Step 7

- Hold the plug with contacts upwards
- Press the cable jacket into the plug

8 7 6 5 4 3 2 1

Step 8

- Assure that the strain relief is over the cable's jacket and all wires are at front

Step 9

- Crimp the plug with handtool K750
- Cut off the overlapping braid wires

Step 10

- Control contacting and strain relief
- Slide the hood over the plug