



RJ45 Cat8 Shielded Field Termination Tool-Less Plug (Solid or Stranded) (8P 8C) - IP20

CN-FT-C8S-BK - Specifications

Description

This modular IP20 rated field termination RJ45 Cat8 connector is an 8 position, 8 conductor plug. It is designed to terminate Cat8 cables (22AWG to 24AWG) with OD 7.0mm to 8.5mm quickly and easily on-site.

Physical Characteristics

Color Nickel

Material Polycarbonate

Contacts Gold

Shielded Yes

Cable Type Cat6a

Number of Contacts 8

Number of Positions 8

IP Rating IP 20 - (Anti Dust)

Connector(s)

RJ45 Cat 6a (8P8C) Male, 23 - 26 AWG Solid or Stranded Cable

Environmental

RoHS Yes

Packaging Information

Package Quantity 1 - Plug

1 - SR Boot

1 - RJ45 Cover

1 - Copper Foil Tape

Product Weight 0.06 lbs



Field Termination Plug User Guide

FPS

The diagram illustrates the 16 steps for terminating an RJ45 Cat8 shielded field termination tool-less plug. It includes a parts list, wire preparation steps, termination steps, and a legend for pin assignments and cable specifications.

Step 1: Parts List

- Field Termination Plug
- Cable
- Boot
- Copper Foil Tape (30mm x 10mm)

Step 2: Cable Preparation

- Strip 30mm of outer jacket (S/FTP or U/FTP.F/UTP).
- Strip 10mm of inner insulation.
- Strip 30mm of shield (S/FTP or U/FTP.F/UTP).

Step 3: Shield Termination

- Wrap the shield with Copper Foil Tape (10mm wide).
- Wrap the tape around the shield and the plug boot.

Step 4: Wire Termination

- Strip 5-8mm of individual conductors.
- Trim the front row wires flush.
- Trim the rear row wires flush.

Step 5: Plug Assembly

- Insert the plug into the boot.
- Push the plug into the boot until it is fully seated.
- Rotate the plug to lock it in place.

Legend

W White
G Green
O Orange
BL Blue
BR Brown

Pin assignment T568A

1	2	3	4	5	6	7	8
W-G	G	W-O	BL	W-BL	O	W-BR	BR

Pin assignment T568B

1	2	3	4	5	6	7	8
W-O	O	W-G	BL	W-BL	G	W-BR	BR

Cable Specifications

	Solid	Stranded	Cable (O.D.)
C6A	23~26AWG	23~26AWG	6.0~7.5mm
C8	22~24AWG	22~24AWG	7.0~8.5mm