

Category 6A Field Terminable Plug

Category 6A Field Terminable plugs are designed for use on patch cable assemblies and therefore are designed to terminate to strand conductors of wire sizes from AWG 23 through AWG 26. This type of plug design accommodates large diameter cabling in the form factor of a standard RJ45 plug. Comply with 10 Gigabit ethernet application system, suitable for connection between FD to the outlet of the work area, providing up to 550MHz available bandwidth.

Features

- Compatible with CAT 6A component performance (ANSI/TIA-568-C.2)
- Fully shielded and fully metal housing guarantee secure and reliable transmission performance
- A fast and reliable termination helps save labor costs and installation time
- Unique exterior design, simple, compact
- Unique PCB circuit board design reduces EMI/RFI interference, low attenuation loss and high return loss
- Solid and corrosion phosphor bronze IDC enables over 250 terminations
- Easy installation with clear colored labels on termination cap
- With backward compatibility of CAT 6 and lower classes
- Comply with ergonomic principle and with termination-free design
- Overall zinc alloy shielding design meets the industry standards
- Provides either T568A or T568B configuration.
- Accept 23 AWG wires, phosphor bronze contact 50u gold plated, with a durability of 1500 matching recycles
- Termination caps prevent wire from dropping off

Technical specification

Parameter	Value
Dimensions	55.3mm(W) x 15.0mm(H) x 13.8mm(D)
Housing color	Zinc-alloy fully shielded
Contact pin	Phosphor Bronze Alloy Plated With 50 micro-inch of Gold
IDC	Phosphor Bronze Alloy with 100 micro-inch 100% Sn Alloy
IDC wire Gauge	23~26 AWG
Insulation Resistance	500MΩ min. @ 100V D.C
Dielectric Withstanding Voltage	1000V D.C or A.C Peak
Contact to Contact	1500V D.C or A.C Peak
Contact to Shield	@ 60Hz for 1 minute

Instruction Manual

JACK PIN DESIGNATIONS	TIA/EIA T568A	TIA/EIA T568B	INDUSTRIAL
1	White/Green	White/Orange	Yellow
2	Green	Orange	Orange
3	White/Orange	White/Green	White
4	Orange	Green	Blue
5	Blue	Blue	Blue
6	White/Blue	White/Blue	
7	White/Brown	White/Brown	
8	Brown	Brown	

- Remove the stopper before installation.
- Insert cable into strain relief boot, strip off 1.2 inch of cable jacket, fold back the drain wire.
- Fan out all four twisted pairs, following the color coding label and allocate each conductors into proper slots on wiring cap. Trim the ends of conductors.
- Remove the wiring label before place wiring cap on plug.
- Place the wiring cap onto plug, use plier to clamp wiring cap until it completely snap-in to effect the connection.
- Close plug cover, make sure the drain wire is in proper contact with grounding clip on plug. Pull back strain relief boot to cover the plug, fasten supplied cable tie to secure grounding contact.

Unload the cable
Cut off cable tie, remove the boot. Using flat screw driver and pry gently on plug cover one end first and the other end subsequently to open it.

Boot adjustment
Cut the end of boot to fit your cable OD.

Ordering Information

Part Code	Description
3C-FTP-6A	Category 6A Field Terminable Plug

