

Category 6 Field Terminable Plug

Category 6 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 24. This type of plug design accommodates large diameter cabling in the form factor of a standard RJ45 plug. This type of plug design accommodates large diameter cabling in the form factor of a standard RJ45 plug.

Features

- Compatible with CAT 6 component performance (ANSI/TIA-568-C.2)
- A fast and reliable termination helps save labor costs and installation time
- Unique PCB circuit board design reduces EMI/RFI interference, low attenuation loss and high return loss
- Unique exterior design, simple, compact
- Solid and corrosion phosphor bronze IDC enables over 250 terminations
- Easy installation with clear colored labels on termination cap
- With backward compatibility of CAT 5e and lower classes
- Comply with ergonomic principle and with termination-free design
- Overall zinc alloy shielding design meets the industry standards
- Meet the requirements of both T568A/T568B with clear color labels
- 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	Transparent grey
Contact pin	Phosphor Bronze Alloy Plated With 50 micro-inch of Gold
Insulation Resistance	500MΩ min. @ 100V D.C
Dielectric Withstanding Voltage	1000V D.C or A.C Peak
Contact to Shield	@ 60Hz for 1 minute

Application

- For Ethernet CAT 6 solutions.
- Provides either T568A or T568B configuration.
- Available in CAT 5e, CAT 6 and CAT 6A wiring performance levels.
- Compatible with cable dimension from 6-8mm; 23-24AWG.

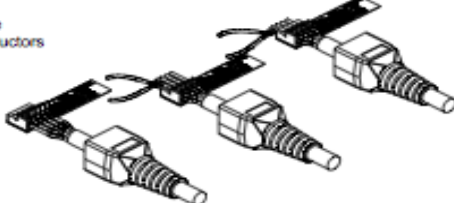
Instruction Manual

① Insert cable into strain relief boot, strip off 1.2 inch of cable jacket.



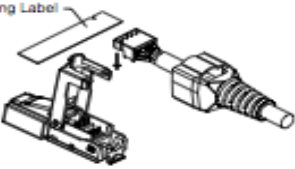
JACK PIN DESIGNATIONS	TIA/EIA T568A	TIA/EIA T568B	INDUSTRIAL
	1 White/Green	White/Orange	Yellow
	2 Green	Orange	Orange
	3 White/Orange	White/Green	White
	6 Orange	Green	Blue
	4 Blue	Blue	
	5 White/Blue	White/Blue	
	7 White/Brown	White/Brown	
	8 Brown	Brown	

② 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.




③ Remove the wiring label before place wiring cap on plug.

Wiring Label




④ Place the wiring cap onto plug, use plier to clamp wiring cap until it completely snap-in to effect the connection.



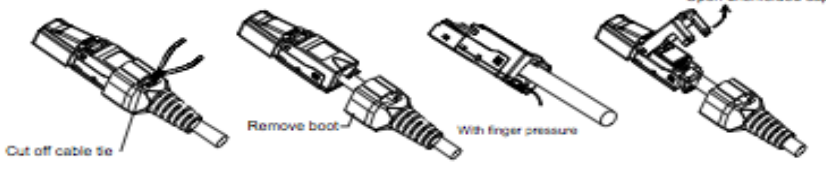
⑤ Close plug cover, Pull back strain relief boot to cover the plug, fasten supplied cable tie.

Cable Tie



Unload the cable


Cut off cable tie, remove the boot. Press the middle of the end with your finger and the cover will open.



Cut off cable tie Remove boot With finger pressure Open unshielded cap

Boot adjustment

Cut the end of boot to fit your cable OD.



Ordering Information

Part Code	Description
3C-FTP-C6	Category 6 Field Terminable Plug

