

TYPICAL SPECIFICATION

Die-casting shielded 180° tooless keystone jack is designed for installer's convenience, which is made of zinc alloy and using the "Die-casting" technic especial construction complete 360° shielding, protects against EMI/RFI. Tooless design saves a lot of time on termination, releasing from fussy processes of punching down and removing cables by its smart design. This type of Class E / Category 6A screened three connector channel has passed 3P Third Party Testing.



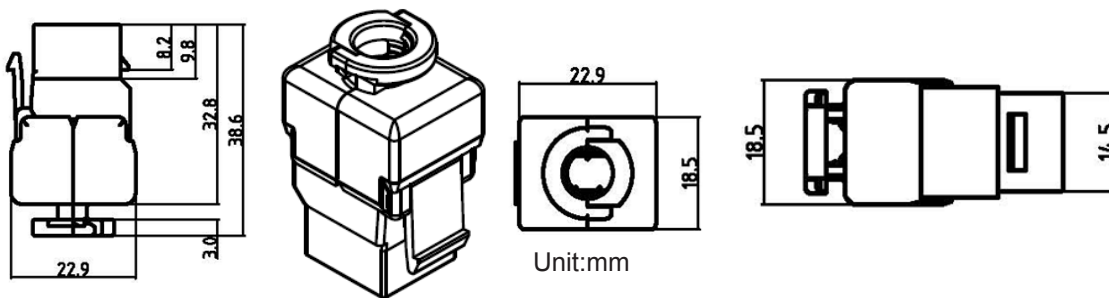
FEATURES

- Performance conforms to ANSI/TIA-568-C.2 Category 6A specification
- Available with 180° cable exit
- Tool-less termination makes termination quick and easy
- RoHS compliant
- Fully shielded design optimizes shield effectiveness protection from EMI and alien crosstalk
- Offers 10G channel solution of your local area networking

APPLICATIONS

- 10GBASE-T ETHERNET (IEEE P802.3an)
- 1000BASE-TX Fast Ethernet
- 1000BASE-T Gigabit Ethernet
- 100BASE-TX Fast Ethernet; 155/622 Mbps ATM
- 4/16 Mbps Token Ring; 100VG-AnyLAN
- 100 Mbps TP-PMD; 1.2Gb/s ATM

DIMENSIONS



ELECTRICAL SPECIFICATIONS

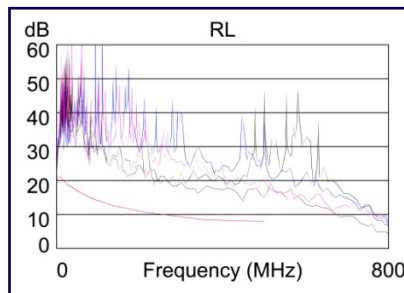
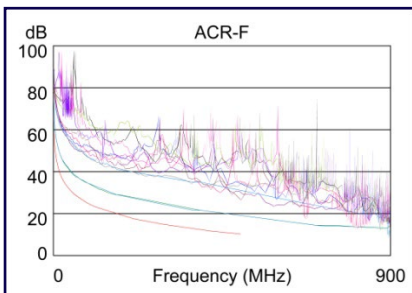
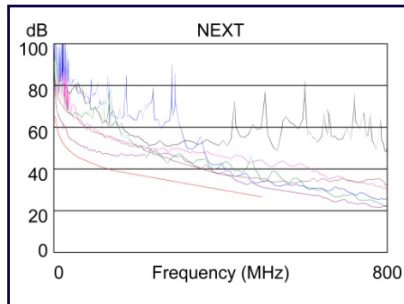
Dielectric Strength:	1000V RMS for 1min
Insulation Resistance:	10 MΩ min
Contact Resistance:	20 mΩ per contact
Temperature Range:	-10°C to 60°C max
Humidity:	10%-65%

PHYSICAL SPECIFICATIONS

- High impact plastic housing, Flame retardant UL 94V-0
- PCB: FR-4, 1.6mm thickness
- IDC Operating life: Minimum 50 Re-terminations
- Jack Contact: Phosphor bronze, 50μ inch gold plating over nickel plating in contact area
- Jack Operating life: Minimum 750 insertions
- IDC Contact: 100μ inch nickel plated over phosphor bronze

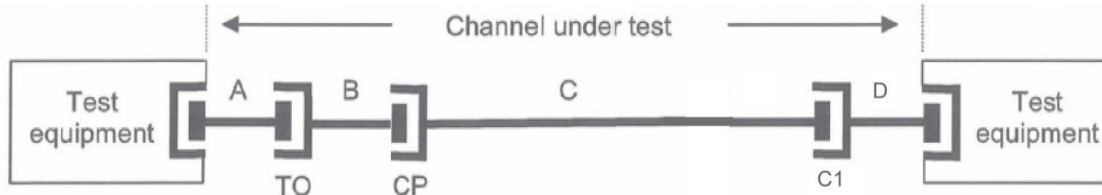
PERFORMANCE

Cat. 6A FTP Channel



Length (ft), Limit 295	(Pair 78)	286
Prop. Delay (ns), Limit 498		397
Delay Skew (ns), Limit 44		4
Resistance (ohms)	(Pair 12)	12.4
Insertion Loss Margin (dB)	(Pair 78)	4.1
Frequency (MHz)	(Pair 78)	500.0
Limit (dB)	(Pair 78)	43.8

CHANNEL TEST METHOD



Legend

Cables and cords

- Work area cordA
- Optional consolidation point cabling..B
- Horizontal cablingC
- Telecommunications room equipment cord D

Connecting hardware

- Telecommunications outlet/connectorTO
- Optional consolidation point connectorCP
- Horizontal cross-connect or interconnectC1

Part No.: FP-C6AUGS-05

Although every precaution has been taken to ensure the accuracy of the product specifications at the time of publication, we cannot be responsible for the errors, omissions, or changes due to obsolescence. All data contained herein is subject to change without notice.