

Category 6A Shielded Modular Connector, 10 Pack

Package Includes:

- A. CAT 6A Shielded Connector, 10 Pieces**
- B. Wiring Cap, 10 Pieces**
- C. Retaining Clip, 10 Pieces**
- D. Cable Tie, 10 Pieces**



Features and Benefits

- CAT 6A rated connectors provide excellent performance for data networks requiring maximum speed and bandwidth.
- PCB technology provides maximum performance and superior signal quality.
- Enhanced crosstalk cancellation reduces return loss and improves performance by rejecting noise and unwanted signals.
- Exceeds ANSI/TIA-568.2-D requirements for permanent, channel link and component performances.
- Engineered to provide 110 IDC termination reducing installation time
- Shielded housing provides against electro-magnetic interference (EMI)
- Includes an integrated TIA-568A/B color wiring diagram
- Backwards compatible to all lower rated category components
- Compatible with ICC CAT 6A FTP blank patch panel IC107PPS6A, faceplates, and surface mount boxes
- Used with Jackeasy Termination Tool ICACSPDTEH, and 110 punch down tool ICACSPDT00
- UL listed and exceeds TIA 568-C.2 Category 6A connecting hardware requirements

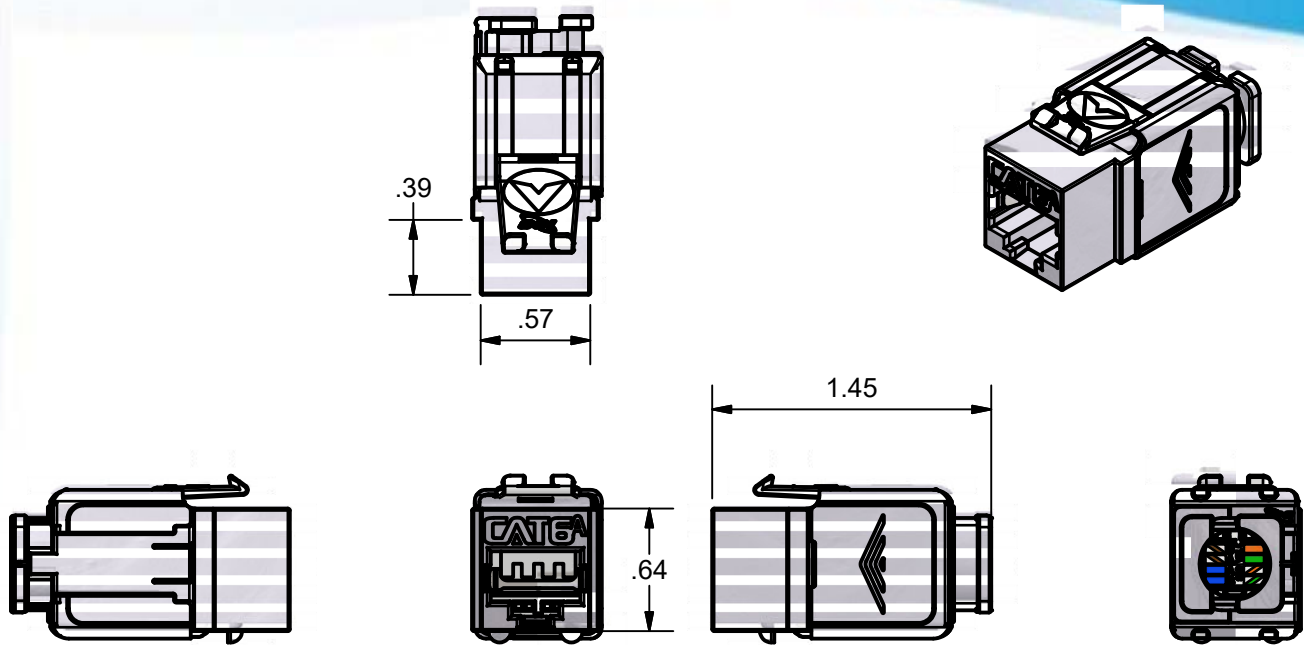
Part No: IC107SATA0

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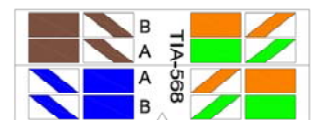
CAT 6A Connecting Hardware Requirements

| Frequency (MHz) | 1 | 4 | 8 | 10 | 16 | 20 | 25 | 31.25 | 62.5 | 100 | 200 | 250 | 300 | 400 | 500 |
|---------------------|-----|------|-----|------|------|------|------|-------|------|------|------|------|------|------|------|
| NEXT Loss (dB) | 75 | 75 | 75 | 74 | 69.9 | 68 | 66 | 64.1 | 58.1 | 54 | 48 | 46 | 42.9 | 37.9 | 34 |
| FEXT Loss (dB) | 75 | 71.1 | 65 | 63.1 | 59 | 57.1 | 55.1 | 53.2 | 47.2 | 43.1 | 37.1 | 35.1 | 33.6 | 31.1 | 29.1 |
| RETURN Loss (dB) | 35 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 28 | 22 | 20 | 18.5 | 16 | 14 |
| Insertion Loss (dB) | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.11 | 0.16 | 0.2 | 0.28 | 0.32 | 0.35 | 0.4 | 0.45 |

NOTE: UNLESS OTHERWISE SPECIFIED

- Certification:
 - Meets ANSI/TIA-568.2-D (500MHz)
- Environmental Condition:
 - Storage: -40 To +70°C
 - Operation: -10 To +60°C
- Electrical:
 - Electrical Insulation Resistance: 500 MΩ Min @ 100V DC
 - Dielectric Withstanding Voltage: 1000V DC or AC Peak Contact To Contact @ 60Hz For 1 Minute
 - Spring Wire Contact Resistance: 20 MΩ Max
 - IDC Contact Resistance: 2.5 MΩ Max
- Mechanical:
 - Retention: 50N (11 LBF) For 60s +/- .5s
 - Insertion/Extraction Life: 750 Cycles Min.
- CAT 6A FTP Modular Connector:
 - Material:
 - Housing: Zinc-Alloy
 - Jack Wiring: Phosphor Bronze Alloy Plated with 50 μin of Gold over 70~100 μin of Nickel
 - Connector: Insulation Displacement Connector (IDC)
 - Accepts 22~24 AWG Solid Wire
- Shielded Wire Cap:
 - Material: Zinc-Alloy

WIRING DIAGRAM



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