CAT 6 HD Modular Connector, 400-Pack

Package Includes:
A. CAT 6 HD Module, 400 Pieces
B. Installation Instructions, 1 Sheet

Features and Benefits
- CAT 6 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-C requirements for permanent, channel link and component Performances.
- Engineered to provide 110 IDC termination reducing installation time
- Reduced rear footprint allows for greater connectivity density and provides for more port configurations in a smaller area.
- Includes an integrated TIA-568A/B color wiring diagram
- Backwards compatible to all lower rated category components
- Compatible with all IC107 faceplates, inserts, surface mount boxes, and blank patch panels
- Used with ICC Category 6 ICPCSK series patch cords, JackEasy™ Termination Tool ICACSPDTEH, and 110 punch down tool ICACSPDT00
- Available in black, blue, ivory, and white
- UL 1863 compliant
- Country Of Origin: Taiwan
- TAA Compliant
**Product Specification**

**NOTE: UNLESS OTHERWISE SPECIFIED**

1. **CAT 6 Module:**
   
   **A. Electrical:**
   - Current Rating: 1.5 AMPS  
   - Insulation Resistance: 500 MOHMS Min  
   - Contact Resistance: 20 MOHMS Max  
   - DC Resistance: 0.1 OHM Max  

   **B. Mechanical:**
   - Plug Insertion Life: 750 Cycles Min  
   - Plug & Jack Contact Force: 100 Grams Min  
     Using FCC approved plug  
   - Plug Retention Force: 50N (11 LBS) for 60s ± 5s  
   - Temperature: -40° to 150°F (-40° to 68°C)  

   **C. Physicals:**
   - Housing: High Impact, Flame Retardant Plastic, UL 94V-0  
   - 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  

   **D. Colors:** XX: BK-Black, BL-Blue, IV-Ivory, & WH-White  

2. **Termination Cap:**
   
   **A. Material:** PC, UL 94V-0  
   **B. Color:** Transparent red  

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**CAT 6 Connecting Hardware Requirements**

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**WIRING DIAGRAM**

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Part No: IC107F6VXX
Rev: A
Page 2 of 2

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