CAT 6 HD Modular Connector, 25 Pack

Package Includes:
A. CAT 6 HD Module, 25 Pieces
B. Wire Cap, 25 Pieces

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, gray, green, ivory, orange, red, white, and yellow
• 25 modules packaged in bag with 25 wiring caps packaged in a separated bag
• UL 1863 compliant
• Country Of Origin: Taiwan
• TAA Compliant
Part No: IC107F6CXX
Rev: B
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NOTE: UNLESS OTHERWISE SPECIFIED

1. CAT 6 Module:

   A. Electrical:
      - Current Rating: 1.5 AMPS
      - Insulation Resistance: 500 MOHMS Min
      - Contact Resistance: 0.1 OHM Max
      - Transmission Performance Exceeds Category 6 Connecting Hardware Requirements specified in ANSI/TIA-568-C.2 when used with compatible horizontal cable

   B. Mechanical:
      - Plug Insertion Life: 750 Cycles Min
      - Plug & Jack Contact Force: 100 Grams Min
      - 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, GY-Gray, GN-Green, IV-Ivory, OR-Orange, RD-Red, WH-White, & YL-Yellow

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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<th>4.0</th>
<th>8.0</th>
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<th>16.0</th>
<th>20.0</th>
<th>25.0</th>
<th>31.25</th>
<th>62.5</th>
<th>100</th>
<th>200</th>
<th>250</th>
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<td>75.0</td>
<td>75.0</td>
<td>74.0</td>
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<td>68.0</td>
<td>66.0</td>
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<tr>
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<td>0.11</td>
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WIRING DIAGRAM