**Product Specification**

**CAT 6 EZ Modular Connector, 400-Pack, with JackEasy™ Tool**

**Package Includes:**

A. CAT 6 EZ Module, **400 Pieces**  
B. JackEasy™ Termination Tool, **1 Piece**  
C. 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
- Pair-to-Pair wiring for easy termination and best performance.
- Includes an integrated TIA-568A/B color wiring diagram
- Backwards compatible to all lower rated category components
- Compatible with most 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
- JackEasy™ Termination Tool is included for convenience-- ICACSPDTEH
- UL 1863 compliant
- Country Of Origin: Taiwan
- TAA Compliant

**Note:**

*Check faceplates, inserts, surface mount boxes, bezel, or blank patch panel part for compatibility*

---

Part No: IC107L6VXX  
Rev: B  
888-ASK-4ICC  icc.com csr@icc.com  
Page 1 of 2
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

### CAT 6 Connecting Hardware Requirements

<table>
<thead>
<tr>
<th>Frequency (MHz)</th>
<th>1.0</th>
<th>4.0</th>
<th>8.0</th>
<th>10.0</th>
<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>
</tr>
</thead>
<tbody>
<tr>
<td>NEXT Loss (dB)</td>
<td>75.0</td>
<td>75.0</td>
<td>75.0</td>
<td>74.0</td>
<td>69.9</td>
<td>68.0</td>
<td>66.0</td>
<td>64.1</td>
<td>58.1</td>
<td>54.0</td>
<td>48.0</td>
<td>45.0</td>
</tr>
<tr>
<td>FEXT Loss (dB)</td>
<td>75.0</td>
<td>71.1</td>
<td>65.0</td>
<td>62.1</td>
<td>59.0</td>
<td>57.1</td>
<td>55.1</td>
<td>53.2</td>
<td>47.2</td>
<td>43.1</td>
<td>37.1</td>
<td>35.1</td>
</tr>
<tr>
<td>RETURN Loss (dB)</td>
<td>35.0</td>
<td>30.0</td>
<td>30.0</td>
<td>30.0</td>
<td>30.0</td>
<td>30.0</td>
<td>30.0</td>
<td>28.1</td>
<td>24.0</td>
<td>18.0</td>
<td>16.0</td>
<td>16.0</td>
</tr>
<tr>
<td>Insertion Loss (dB)</td>
<td>0.10</td>
<td>0.10</td>
<td>0.10</td>
<td>0.10</td>
<td>0.10</td>
<td>0.10</td>
<td>0.10</td>
<td>0.11</td>
<td>0.16</td>
<td>0.20</td>
<td>0.28</td>
<td>0.32</td>
</tr>
</tbody>
</table>

### WIRING DIAGRAM