8P8C High Density Category 5e Module

**Package Includes:**
A. 8P8C HD Category 5e Module, 1 pc
B. Wire Cap, 1 pc

**Features and Benefits:**
- CAT 5e 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
- Compatible with all IC108 furniture faceplates, bezels, and surface mount boxes
- Used with ICC Category 5e ICPCSJ and ICPCSC series patch cords and 110 punch down tool ICACSPDT00
- Available in almond, black, blue, gray, green, ivory, orange, purple, red, white, and yellow
- UL 1863 compliant

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**MODULE, CAT 5E, HD**

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NOTE: UNLESS OTHERWISE SPECIFIED

1. CAT 5E MODULE:
   A. ELECTRICAL:
      - CURRENT RATING: 1.5 AMPS
      - INSULATION RESISTANCE: 500 MOHMS MIN
      - CONTACT RESISTANCE: 20 MOHMS MAX
      - DC RESISTANCE: 0.1 OHM MAX
      - TRANSMISSION PERFORMANCE EXCEEDS CATEGORY 5e
         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
         USING FCC APPROVED PLUG
      - PLUG RETENTION FORCE: 50N (11 LBS) FOR 60s ± 5s
      - TEMPERATURE: -40°C TO 150°C (-40°F TO 68°C)
   C. PHYSICALS:
      - HOUSING: ABS, UL 94V-0
      - JACK WIRING: PHOSPHOR BRONZE ALLOY PLATED WITH 50 μin OF GOLD OVER
         70-100 μin OF 100% SN ALLOY
      - CONNECTOR: INSULATION DISPLACEMENT CONNECTOR (IDC)
         ACCEPTS 22-24 AWG SOLID WIRE
   D. COLORS: XX: AL-ALMOND, BK-BLACK, BL-BLUE, GN-GREEN, GY-GRAY, IV-IVORY,
      OR-ORANGE, PR-PURPLE, RD-RED, WH-WHITE, & YL-YELLOW

2. TERMINATION CAP:
   A. MATERIAL: PC, UL 94V-0
   B. COLOR: TRANSPARENT BLUE

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<tr>
<th>CATEGORY 5e CONNECTING HARDWARE REQUIREMENTS</th>
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<tr>
<td>FREQUENCY (MHz)</td>
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<tr>
<td>NEXT LOSS (dB)</td>
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<td>RETURN LOSS (dB)</td>
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<td>INSERTION LOSS (dB)</td>
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WIRING DIAGRAM

MODULE, CAT 5E, HD

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