8P8C EZ Category 5e Module

**Package includes:**
A. 8P8C EZ Category 5e Module, 1 pc
B. WireCap, 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.
- 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 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 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, EZ**

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<th>REV.</th>
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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° 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: AL-ALMOND, BK-BLACK, BL-BLUE, GN-GREEN, GY-GRAY, IV-IVORY,
      OR-ORANGE, PR-PURPLE, RD-RED, WH-WHITE, & YL-YELLOW

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CATEGORY 5E CONNECTING HARDWARE REQUIREMENTS

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<tr>
<th>FREQUENCY (MHz)</th>
<th>1.0</th>
<th>4.0</th>
<th>8.0</th>
<th>12.0</th>
<th>16.0</th>
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<th>25.0</th>
<th>31.25</th>
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<tr>
<td>NEXT LOSS (db)</td>
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<td>85.0</td>
<td>84.9</td>
<td>83.0</td>
<td>80.9</td>
<td>78.0</td>
<td>75.0</td>
<td>72.9</td>
<td>71.2</td>
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<td>48.1</td>
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<td>RETURN LOSS (db)</td>
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