6P6C High Density RJ-11 Voice Module

**Package includes:**
A. 6P6C HD RJ-11 Voice Module, 1 pc
B. Wire Cap, 1 pc

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**Features and Benefits:**
- Designed for all voice connectivity applications
- PCB technology provides maximum performance and superior signal quality
- 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 USOC/UTP color wiring diagram
- 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 ICLC4, ICLC6 line cords and 110 punch down tool ICACSPDT00
- Available in green, orange, purple, red, yellow, almond, black, blue, gray, ivory, and white.
- ANSI/TIA-568-C and UL 1863 compliant

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**MODULE, VOICE, RJ-11, HD**

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<th>IC1076F0XX</th>
<th>REV.</th>
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NOTE: UNLESS OTHERWISE SPECIFIED

1. RJ-11 VOICE MODULE:
   A. ELECTRICAL:
      - CURRENT RATING: 1.5 AMPS MAX
      - VOLTAGE RATING: 150 VOLTS ALTERNATING
      - DIELECTRIC WITHSTANDING VOLTAGE: 1000 VOLTS RMS, 60 HZ
      - INSULATION RESISTANCE: > 10 MOHMS
   B. MECHANICAL:
      - MATED FORCE: 5 LBS MAX
      - UNMATED FORCE: 5 LBS MAX
      - PLUG RETENTION FORCE: 20 LBS MIN
      - DURABILITY: 750 CYCLES
   C. PHYSICALS:
      - HOUSING: HIGH-IMPACT, FLAME RETARDANT PLASTIC, UL 94V-0
      - CONTACT: PHOSPHOR BRONZE ALLOY PLATED WITH 50 µIN OF GOLD OVER
        70–100 µIN OF NICKEL
      - GOLD PLATING: 1.27 MICRON/50 µIN MIN
      - CONNECTOR: INSULATION DISPLACEMENT CONNECTOR (IDC)
        ACCEPTS 22–24 AWG SOLID WIRE
   D. COLORS: XX: GN-GREEN, OR-ORANGE, PR-PURPLE, RD-RED, YL-YELLOW,
      AL-ALMOND, BK-BLACK, BL-BLUE, GY-GRAY, IV-IVORY, WH-WHITE

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

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**WIRING DIAGRAM**

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**MODULE, VOICE, RJ-11, HD**

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CAT 5 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>10.0</th>
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<tr>
<td>NEXT LOSS (dB)</td>
<td>38.1</td>
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<td>FEXT LOSS (dB)</td>
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<td>N/S</td>
<td>N/S</td>
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<td>RETURN LOSS (dB)</td>
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<td>N/S</td>
<td>N/S</td>
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<td>INSERTION LOSS (dB)</td>
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<td>0.20</td>
<td>0.28</td>
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