APPLICATION

The bus cable system provides the interconnection between the network scanners and panels used within a SmartPatch Intelligent Patching System (IPS).

FEATURES

- Connect parts for your Intelligent Patching System
- Allows for custom length termination

ORDER INFO

<table>
<thead>
<tr>
<th>Brand-Rex Part Number</th>
<th>Item Description</th>
<th>Colour</th>
<th>Qty per Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>IPSTCBL6W2</td>
<td>Bus Tape Cable (26awg 7/0.14mm 1.27mm pitch 6 way)</td>
<td>Black &amp; Red</td>
<td>25m coil</td>
</tr>
<tr>
<td>IPSCON6WV90</td>
<td>Inline Crimp Bus Cable Connector (Female)</td>
<td>Black</td>
<td>10 per pack</td>
</tr>
<tr>
<td>IPSCON6W180</td>
<td>Bus End Terminator (Male with Resistor)</td>
<td>Black</td>
<td>2 per pack</td>
</tr>
<tr>
<td>IPSCRTOOL2</td>
<td>Connector Crimp Tool</td>
<td>Black</td>
<td>1 per pack</td>
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</tbody>
</table>

BUS CABLE SPECIFICATION

- Type: 6 way flat ribbon cable 26AWG 7/0.14mm
- Colour: Black with Red orientation stripe
- Materials: Tinned copper, PVC

BUS END TERMINATOR SPECIFICATION

- Type: 180° IDC male connector 6 pin/1.27mm pitch with resistor
- Materials: LCP, Copper alloy with gold plating on

INLINE BUS CONNECTOR SPECIFICATION

- Type: 90° IDC female connector 6pin/1.27mm pitch
- Style: Interlocking crimp
  - Black body: Friction lock connection (STD)
  - Red/Black body: Positive lock Connection (Network scanners only)
- Features: Up to 500 mating cycles
- Materials: LCP, Copper alloy with gold plating on contact area
LIMITATIONS

- Length vs. Panel Quantity
  - A max of 15 IPS panels on a 25m max bus Cable
  - A max of 18 IPS panels on a 20m max bus cable
  - A max of 25 IPS panels on a 15m max bus cable
  - A max of 30 IPS panels on a 10m max bus cable
  - A max of 35 IPS panels on a 5m max bus cable
  - A max of 42 IPS panels on a 2.5m max bus cable

- Each bus cable requires a Bus End Terminator on each end of the assembly

ENVIRONMENTAL

- Operating temperature from 0°C to 55°C (32°F to 131°F) at 0 to 95% relative humidity, non-condensing
- Storage temperature from -20°C to 85°C (-4°F to 185°F) at relative humidity 0 to 95%, non-condensing
- Operating elevation 0 to 3,000 meters (0 - 10000 feet)
- Storage elevation 0 to 15,000 meters (0 to 50,000 feet)