

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

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

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)

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