

SmartPatch™ Bus Cable and Connectors

Datasheet: GD102358v6



APPLICATION

SmartPatch Bus Cable and Connectors provide the interconnection between the SmartPatch Network Scanner and SmartPatch Intelligent Patch Panels.

FEATURES

- Provides interconnection between the SmartPatch Network Scanners and SmartPatch Intelligent Patch Panels
- Enables installation of custom bus cable lengths



ORDER INFO

Part Number	Item Description	Color	Qty per Pack
IPSTCBL6W2	Bus Ribbon Cable (26 AWG 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

ENVIRONMENTAL CONDITIONS

Operating Temperature*	0°C to 55°C (32°F to 131°F)	Storage Elevation (meters)	0 to 15,000 (0 to 50,000 feet)
Storage Temperature*	-20°C to 85°C (-4°F to 185°F)	Operation Elevation (meters)	0 to 3,000 (0 to 10,000 feet)

*temperature at 0 to 95% relative humidity, non-condensing

CABLE LENGTH LIMITATIONS

Cable Length	Quantity of Panels Supported
25 meters	15
20 meters	18
15 meters	25
10 meters	30
5 meters	35
2.5 meters	42

NOTES

Due to power considerations, the maximum quantity of panels per bus is limited by the overall length of the bus cable
Each bus cable requires a Bus End Terminator at the end of each cable length

BUS CABLE SPECIFICATION

Type	6-way flat ribbon cable 2AWG 7/0.14mm
Color	Black with Red orientation stripe
Materials	Tinned Copper, PVC

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

BUS END TERMINATOR SPECIFICATION

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

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