Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION

AX103261 Faceplates and Panels - HD Patch Panel - HD-Style







For more Information please call

1-800-Belden1

Description:

CAT5E HD-BIX Patch Panel, 48-port, 2U, Black

Usage (Overall)

Suitable Applications:	IBDN System 1200, TIA Category 5e, ISO Class D, 1000BASE-T, 100BASE-T
Related Parts:	CAT5E Modular Cords

Physical Characteristics (Connectivity)

Capacity

Max. Capacity:	48 connectors (Patch Panel is already loaded)

Access

Front Connection:	Flush
Termination Area:	Rear

Dimensions

Dimensions:

Height (in.)	Width (in.)	Depth (in.)
3.440	19.000	1.500

Materials

Materials:

Description	Material
Panel	Steel

Color

Color:	Black

Weight

Weight:	1.700 lbs.

Included Parts

Included Parts:	4 Screws (10x32); 4 Screws (12x24); 1 Printable LabelFlex Half-Sheet;, 1 Installation Guide.

Packaging

Packaging:	Individually packaged in a cardboard box.

Mechanical Characteristics (Connectivity)

Footprint/Type:	HDPP
Plug / Jack Compatibility:	RJ45

Termination Interface:

Termination	Connection	Durabilities
Front	Mated Connection	750 Cycles
Rear	IDC Connection	10 Insertions

Termination Characteristics:

Termination Characteristic
Universal T568A/B

Storage Temperature Range:	-40°C To +70°C

Installation Temperature Range:	-10°C To +60°C
Operating Temperature Range:	-10°C To +60°C
Tool Compatibility:	BIX Connecting Tool (A0270165)

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

Other Standards:	FCC Part 68, Subpart F, IEC 60603-7
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	07/01/2006
MII Order #39 (China RoHS):	EUP 50
Telecommunications Standards:	Category 5e - TIA 568.B.2, Category 5 - ISO/IEC 11801:2002 Ed.2
Safety Listing:	ACA, Bi-national Standard Listed

Suitability

Suitability - Indoor:	Yes

Transmission Characteristics (Connectivity)

Mated Connection Table 1:

Frequency (MHz)	Max. Insertion Loss TIA* (dB)	Max. Insertion Loss Belden** (dB)	Min. NEXT TIA* (dB)	Min. NEXT Belden** (dB)	Min. FEXT TIA* (dB)	Min. FEXT Belden** (dB)
1.000	0.100	0.100	65.000	77.000	65.000	67.000
4.000	0.100	0.100	65.000	73.000	63.100	65.000
8.000	0.100	0.100	64.900	66.900	57.000	58.900
10.000	0.100	0.100	63.000	65.000	55.100	57.000
16.000	0.100	0.100	58.900	60.900	51.000	52.900
20.000	0.100	0.100	57.000	59.000	49.100	51.000
25.000	0.100	0.100	55.000	57.000	47.100	49.000
31.250	0.110	0.100	53.100	55.100	45.200	47.100
62.500	0.160	0.120	47.100	49.100	39.200	41.100
100.000	0.200	0.160	43.000	45.000	35.100	37.000
160.000		0.210		40.900		32.900

Mated Connection Table - Footnote:	* TIA-EIA-568-B.2 Category 5e Standard. ** Worst-case performance for a CAT5E mated connection using CAT5E modular plugs.

Mated Connection Table 2:

Frequency (MHz)	Min. Return Loss TIA* (dB)	Min. Return Loss Belden** (dB)
1.000	30.000	32.000
4.000	30.000	32.000
8.000	30.000	32.000
10.000	30.000	32.000
16.000	30.000	32.000
20.000	30.000	32.000
25.000	30.000	32.000
31.250	30.000	32.000
62.500	24.100	32.000
100.000	20.000	28.000
160.000		23.900

Dielectric Strength:	1,000 V RMS @ 60Hz for 1 minute
Current Rating:	1.500 A
Insulation Resistance:	500 M-Ohm Minimum
Max. Contact Resistance:	20m-Ohm
Termination Resistance:	2.5 m-Ohm

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Notes (Overall)

Notes: For proper installation refer to Installation Guide PX100796 included with the product or visit our web site at http://www.belden.com

Product Family

Part Numbers:

Description	Item Number
HD-BIX PP 1U24P, Black	AX103260
HD-BIX PP 2U48P, Black	AX103261

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
AX103261	1 EA	2.866 LB			CAT5E HD-BIX PATCH PANEL 48-P

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