Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



AX101448 Modular Connectors - GIGABIX CONNECTOR 25-PAIR

For more Information please call

1-800-Belden1



General Description:

GIGABIX CONNECTOR 25-PAIR

Usage (Overall)

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Suitable Applications:	IBDN System 1200, TIA Category 5E, ISO Class D, 1000 BASE-T
Related Parts:	Compatible with GigaBIX patch cord, GigaBIX termination kit, GigaBIX rack mount panel, designation strips, wire guard

Physical Characteristics (Connectivity)

Dimensions

Dimensions:

Height (in.)	Width (in.)	Depth (in.)
0.310	6.630	1.280

Materials

Materials:

Description	Type	Material
Front Connection	IDC	Copper Allow with Nickel Plating
Rear Connection	IDC	Copper Allow with Nickel Plating
Connector Body		Plastic - UL940V-0

Weight

Weight: 0.110 lbs.

Packaging

Front

Packaging: packaged in carton. Standard pack of 12 units.

Mechanical Characteristics (Connectivity)

Termination Interface:

Termination Connection

Tool Compatibility:

Rear Gas Tight IDC Connection 200 terminations			200 terminations		
Storage Temperature Range:		-40°C To +70°C			
	Installation Temperature Range:		-10°C To +60°C		
	Operating	Temperature Range:		-10°C To +60°C	

BIX Connecting Tool (A0270165)

Applicable Specifications and Agency Compliance (Overall)

Gas Tight IDC Connection | 200 terminations

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
Telecommunications Standards:	Category 5e - TIA 568.C.2
Third Party Performance Verification:	ETL - Verified Category 6
Safety Listing:	ACA, Bi-national Standard Listed
Suitability	
Suitability - Indoor:	Yes - Indoor

Su

Transmission Characteristics (Connectivity)

Mated Connection Table 1:

Frequency (MHz)	Max. Insertion Loss TIA* (dB)	Max. Insertion Loss Belden** (dB)		Min. NEXT Belden** (dB)	FEXT	Min. FEXT Belden** (dB)
100.000	0.200	0.160	43.000	45.800	35.100	46.800

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Mated Connection Table - Footnote:

* IIA/EIA-568-C-2 Category 5e Standard.

Mated Connection Table 2:

Frequency (MHz)	Min. Return Loss TIA* (dB)		Min. Balanced TCL Belden** (dB)
100.000	20.000	27.000	32.000

Dielectric Strength: 1,000 V RMS @ 60 Hz for 1 minute

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Current Rating:	1.500 A
Insulation Resistance:	500 M-Ohm Minimum
Max. Contact Resistance:	1 m-Ohm

Notes (Overall)

Notes: For proper installation refer to Installation Guide PX101820 (French) or PX101821 (English) included with the product or visit our web site at http://www.belden.com

Notes (Cont'd.): Suitable for 22 to 26 Wire Gauge

Product Family

Part Number List:

Description	Item Number
GigaBIX Connectors - 6 ports	AX101447
GigaBIX Connectors - 25 pairs	AX101448

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
AX101448	1 EA	0.222 LB			GIGABIX CONN POLARIZED 25-PAIR

Revision Number: 0 Revision Date: 08-05-2014

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Общество с ограниченной ответственностью «МосЧип» ИНН 7719860671 / КПП 771901001 Адрес: 105318, г.Москва, ул.Щербаковская д.3, офис 1107

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