

**AX101448 Modular Connectors - GIGABIX CONNECTOR 25-PAIR**

For more Information  
please call

1-800-Belden1

**General Description:****GIGABIX CONNECTOR 25-PAIR****Usage (Overall)**

<b>Suitable Applications:</b>	IBDN System 1200, TIA Category 5E, ISO Class D, 1000 BASE-T
<b>Related Parts:</b>	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 Alloy with Nickel Plating
Rear Connection	IDC	Copper Alloy with Nickel Plating
Connector Body		Plastic - UL940V-0

**Weight**

**Weight:** 0.110 lbs.

**Packaging**

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

**Mechanical Characteristics (Connectivity)**

Termination Interface:

Termination	Connection	Durabilities
Front	Gas Tight IDC Connection	200 terminations
Rear	Gas Tight IDC Connection	200 terminations

<b>Storage Temperature Range:</b>	-40°C To +70°C
<b>Installation Temperature Range:</b>	-10°C To +60°C
<b>Operating Temperature Range:</b>	-10°C To +60°C
<b>Tool Compatibility:</b>	BIX Connecting Tool (A0270165)

**Applicable Specifications and Agency Compliance (Overall)****Applicable Standards & Environmental Programs**

<b>Other Standards:</b>	FCC Part 68, Subpart F, IEC 60603-7
<b>EU Directive 2002/95/EC (RoHS):</b>	Yes
<b>EU RoHS Compliance Date (mm/dd/yyyy):</b>	07/01/2006
<b>Telecommunications Standards:</b>	Category 5e - TIA 568.C.2
<b>Third Party Performance Verification:</b>	ETL - Verified Category 6
<b>Safety Listing:</b>	ACA, Bi-national Standard Listed

**Suitability**

**Suitability - Indoor:** Yes - Indoor

**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)
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. Return Loss Belden** (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

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

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#### Как с нами связаться

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