BELDEN

Product: [AX101471](#) ⧉

FACEPLATES AND PANEL - 300-PAIR GIGABIX TERMINATION KIT, BLACK

Product Description

FACEPLATES AND PANEL - 300-PAIR GIGABIX TERMINATION KIT, BLACK

Technical Specifications

Product Overview

Suitable Applications:	IBDN System 1200, TIA Category 5E, ISO Class D, 1000 BASE-T

Physical Characteristics (Overall)

Height:	15.281 in
Width:	7.639 in
Depth:	4.527 in
Front Connection:	Flush
Packaging:	Individually packaged in a cardboard box.
Weight:	15.400 lbs

Connectors

Materials

Description	Material
Panel	Steel

Construction and Dimensions

Max Capacity:	300 Pairs (12 connectors, 25 pairs/connector AX101448 included)

Electrical Characteristics

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

Mated Connection

Frequency (MHz)	Max. Insertion Loss TIA* (dB)	Min. FEXT TIA* (dB)	Min. NEXT TIA* (dB)	Min. FEXT Belden** (dB)	Min. Return Loss TIA* (dB)
100.000	0.200 dB	35.100 dB	43.000 dB	46.800 dB	20.000 dB

Temperature Range

Installation Temperature Range:	-10°C To +60°C
Storage Temperature Range:	-40°C To +70°C
Operating Temperature Range:	-10°C To +60°C

Mechanical Characteristics

Footprint/Type:	GigaBIX
Tool Compatibility:	BIX Connecting Tool (A0270165)
Termination Front Connection:	Yes

Termination Rear Connection:	Yes

Termination Interface

Connection	Durabilities
IDC Connection	200 Insertion
IDC Connection	200 Insertion

Standards

TIA/EIA Compliance:	Category 5e - TIA 568.C.2
Third Party Performance Verification:	ETL - Verified Category 6

Applicable Environmental and Other Programs

Environmental Space:	Indoor
EU Directive 2002/95/EC (RoHS):	Yes

Flammability, LS0H, Toxicity Testing

Safety Listing:	ACA, Bi-national Standard Listed

Related Part Numbers

Related Parts:	GigaBIX Connectors, Managament Ring, Managament Module, Patchcord Organizer, Horizontal channel plate, GigaBIX Patchcord, GigaBIX/MediaFlex Adapter

Variants

Item #	Color	UPC
AX101471	Black	611589002820

Product Notes

Included Parts:	12 GigaBIX Connectors 25PR, 2 Wood Screws, 6 Designation strips, 12 Wire Guards, French and English Installation Guide, 2 Velcro Ties.
Notes:	For proper installation refer to Installation Guide PX101820 (French) or PX101821 (English) included with the product or visit our website at http://www.belden.com

History

Update and Revision:	Revision Number: 0.64 Revision Date: 07-03-2024