



**Product:** [AX101470](#)

72 Port GigaBIX Termination Kit, 72 Port

## Product Description

72 Port GigaBIX Termination Kit, 72 Port

## Technical Specifications

### Product Overview

Suitable Applications:	IBDN System 4800, 3600, 2400, TIA Category 6, ISO Class E, 1000BASE-T
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### Physical Characteristics (Overall)

Port Count:	72 Ports (12 connectors, 6 Ports/connector)
Packaging:	Individually packaged in a cardboard box
Weight:	6.985 kg

### Connectors

#### Materials

Description	Material
Panel	Steel

### Construction and Dimensions

#### Stranding

Diameter	0.156 mm
OuterJacket1, Nom Thick Twisted Section:	0.147 mm

### Electrical Characteristics

Dielectric Strength:	1,000V RMS @ 60 Hz for 1 minute kV DC
Current Rating:	1.5 A
Insulation Resistance:	100 MOhm*km
Max Contact Resistance:	1 mOhm

#### Inductance

Nominal Inductance
0.156 µH/m
0.15 µH/ft

#### Mated Connection

Frequency (MHz)	Max. Insertion Loss TIA* (dB)	Min. NEXT TIA* (dB)	Min. FEXT TIA* (dB)	Min. FEXT Belden** (dB)	Min. Return Loss TIA* (dB)
100	0.2 dB	54 dB	43.1 dB	58.8 dB	24 dB

### Temperature Range

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

Operating Temp Range:	-10°C To +60°C
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## Mechanical Characteristics

Footprint/Type:	GigaBIX
Tool Compatibility:	BIX Connecting Tool (A0270165)

### Termination Interface

Termination	Connection	Durabilities
Front	IDC Connection	200 insertions
Rear	IDC Connection	200 Insertions

### Dimensions (WxHxD)

Width	Height	Depth
7.639	15.281	4.527

## Standards

IEC Compliance:	ISO/IEC 11801:2002
Data Category:	Category 6
TIA/EIA Compliance:	ANSI/TIA/EIA 568 C.2 Category 6
Third Party Performance Verification:	ETL - Verified Category 6

## Applicable Environmental and Other Programs

Environmental Space:	Indoor
EU Directive Compliance:	EU Directive 2002/95/EC (RoHS)
EU RoHS Compliance Date (yyyy-mm-dd):	2008-01-30

## Suitability

Suitability - Indoor:	Yes
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## Flammability, LSOH, Toxicity Testing

Safety Listing:	ACA,UL 1863 and CSA-C22.2
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## Part Number

Related Parts:	GIGABIX CONNECTORS, MANAGEMENT RING, MANAGEMENT MODULE, PATCH COORD ORGANIZER, HORIZONTAL CHANEL PLATE, GIGABIX PATCH CORD, GIGABIX/MEDIAFLEX ADAPTOR
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### Variants

Item #	Color	UPC
AX101470	Black	611589002813

## Product Notes

Included Parts:	2 Wood Screws; 6 Designation strips; 12 Wire Guards; French and English Installation Guide; 2 Velcro Ties; 1 Termination Bar Pack
Notes:	For proper installation refer to Installation Guide PX101813 (French) or PX101814 (English) included with the product or visit our web site at <a href="http://www.belden.com">http://www.belden.com</a>

## History

Update and Revision:	Revision Number: 0.103 Revision Date: 07-28-2020
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