

## AX104596 Modular Connectors - CAT6+ Shielded KeyConnect Modular Jack



For more Information  
please call

1-800-Belden1



### General Description:

CAT6+ Shielded KeyConnect Modular Jack, Category 6, RJ45

### Usage (Overall)

Suitable Applications:	IBDN Shielded System 2400, TIA Screened Category 6 , ISO Class E, 1000BASE-T
Related Parts:	Compatible with Shielded KeyConnect Patch Panels 24-p , 48-p

### Physical Characteristics (Connectivity)

#### Dimensions

Dimensions:

Height (mm)	Width (mm)	Depth (mm)
25.400	17.145	39.878

#### Materials

Materials:

Description	Type	Material
Front Connection	RJ45	Phosphor Bronze with 50u inch Gold over Nickel Plating
Rear Connection	IDC	Phosphor Bronze with Tin Plating over Nickel
Connector Body	N/A	Metal

#### Wiring Scheme

Wiring Scheme:	T568A/B
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#### Weight

Weight:	0.022 kg
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#### Included Parts

Included Parts:	1 Termination Bar, 1 cable Tie
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#### Packaging

Packaging:	Individually packaged in a plastic bag. Standard pack of 70 units.
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### Mechanical Characteristics (Connectivity)

Footprint/Type:	KeyConnect
Plug / Jack Compatibility:	RJ45, RJ11

#### Termination Interface:

Termination	Connection	Durabilities
Front	Mated Connection	750 cycles
Rear	IDC Connection	20 terminations

Cable/Connector Retention:	66.723 N
Connector/Hardware Retention:	88.964 N
Plug/Connector Retention:	50.042 N
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:	Tool Less

### 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):	07/01/2011
MII Order #39 (China RoHS):	EUP 50

## METRIC MEASUREMENT VERSION

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Telecommunications Standards:	Category 6 - TIA 568.C.2, Class E - ISO/IEC 11801:2002
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Third Party Performance Verification:	ETL - Verified Category 6
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Safety Listing:	Bi-national Standard Listed
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**Suitability**

Suitability - Indoor:	Yes - Indoor
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**Transmission Characteristics (Connectivity)**

Dielectric Strength:	1,000 V RMS @ 60 Hz for 1 minute
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Current Rating:	1.500 A
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Insulation Resistance:	500 M-Ohm Minimum
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Max. Contact Resistance:	20 m-Ohm
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Termination Resistance:	2.5 m-Ohm
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**Notes (Overall)****Product Family****Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
AX104596	1 EA	0.040 KG			Cat 6+ Shielded Modular Jack

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