

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, See notes if using with Belden faceplates.

Physical Characteristics (Connectivity)

Dimensions

Dimensions:

Height (in.)	Width (in.)	Depth (in.)
1.000	0.675	1.570

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:	0.048 lbs.
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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
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Plug / Jack Compatibility:	RJ45, RJ11
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Termination Interface:

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

Cable/Connector Retention:	15 lbs.
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Connector/Hardware Retention:	20 lbs.
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Plug/Connector Retention:	11.250 lbs.
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Storage Temperature Range:	-40°C To +70°C
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Installation Temperature Range:	-10°C To +60°C
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Operating Temperature Range:	-10°C To +60°C
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Tool Compatibility:	Tool Less
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Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

Other Standards:	FCC Part 68, Subpart F, IEC 60603-7
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EU Directive 2002/95/EC (RoHS):	Yes
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EU RoHS Compliance Date (mm/dd/yyyy):	07/01/2011
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MII Order #39 (China RoHS):	EUP 50
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Telecommunications Standards: Category 6 - IIA 568.C.2, Class E - ISO/IEC 11801:2002

Third Party Performance Verification: ETL - Verified Category 6

Safety Listing: Bi-national Standard Listed

Suitability

Suitability - Indoor: Yes - Indoor

Transmission Characteristics (Connectivity)

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: 20 m-Ohm

Termination Resistance: 2.5 m-Ohm

Notes (Overall)

Notes: IDC Wire Gauge: 22~24 AWG. Max cable OD 8.55mm (0.336 in.) May not be compatible with all Belden faceplates. Please contact Belden Technical Support for compatibility verification.

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

Revision Number: 1 Revision Date: 07-27-2017

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