Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION

AX104595 Modular Connectors - Cat5e Shielded KeyConnect Modular Jack





For more Information please call

1-800-Belden1

General Description:

CAT 5e Shielded KeyConnect Modular Jack, Category 5e, RJ45

Usage (Overall)

Suitable Applications:	IBDN Shielded System 1200, TIA Screened Category 5e , ISO Class D, 1000BASE-T
Related Parts:	Compatible with Shielded KeyConnect Patch Panels 24-p , 48-p

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

Weight

Weight:	0.048 lbs.

Included Parts

Included Parts:	1 Termination Bar, 1 cable Tie

Packaging

Packaging:	Individually packaged in a plastic bag. Standard pack of 70 units.

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:	15 lbs.
Connector/Hardware Retention:	20 lbs.
Plug/Connector Retention:	11.250 lbs.
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

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Telecommunications Standards:	Category 5e - TIA 568.C.2, Category 5 - ISO/IEC 11801:2002 Ed.2
Third Party Performance Verification:	ETL - Verified Category 5e
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)

Product Family

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
AX104595	1 EA	0.040 KG			Cat 5e Shielded Modular Jack

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