

Product: [CAT6+ KEYCONNECT STP JACKS](#)

Modular Connectors - CAT6+ Shielded KeyConnect Modular Jack



Product Description

CAT6+ Shielded KeyConnect Modular Jack, Category 6, RJ45

Technical Specifications

Product Overview

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

Overall Height:	1.000 in
Overall Width:	0.675 in
Overall Depth:	1.570 in
Wiring Scheme:	T568A/B
Packaging:	Individually packaged in a plastic bag; Standard pack of 70 units
Weight:	0.048 lbs.

Connectors

Materials

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

Electrical Characteristics

Dielectric Strength:	1,000V RMS @ 60 Hz for 1 minute
Insulation Resistance:	500 M-Ohm Minimum
Max Contact Resistance:	20 mOhm
Termination Resistance:	2.5 mOhm

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

Connector System Compatibility:	KeyConnect
Tool Compatibility:	Tool Less
Plug /Jack Compatibility:	RJ45, RJ11
Termination Front Connection:	Mated Connection
Termination Front Connection Durability:	750 cycles
Termination Rear Connection:	IDC Connection
Termination Rear Connection Durability:	20 terminations

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

Standards

Data Category:	Category 6
TIA/EIA Compliance:	Category 6 - ANSI/TIA 568.2-E, ISO/IEC 11801-1:2017
Other Standards:	FCC Part 68, Subpart F, IEC 60603-7
Third Party Performance Verification:	ETL - Verified Category 6

Applicable Environmental and Other Programs

Environmental Space:	Indoor
EU Directive 2002/95/EC (RoHS):	Yes
MII Order #39 (China RoHS):	EUP 50

Flammability, LSOH, Toxicity Testing

Safety Listing:	ACMA, c(UL)us Listed
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Related Part Numbers

Related Parts:	Compatible with Shielded KeyConnect Patch Panels 24-p , 48-p, See notes if using with Belden faceplates.
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Variants

Item #	Packaging
AX104596	Individually packaged in a plastic bag; Standard pack of 70 units

Product Notes

Included Parts:	1 Termination Bar, 1 cable Tie
Notes:	IDC Wire Gauge: Solid 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.

History

Update and Revision:	Revision Number: 0.2 Revision Date: 10-28-2026
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