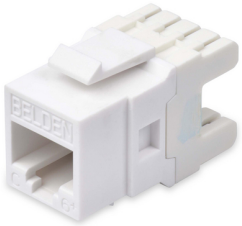

Product: CAT6+ KEYCONNECT JACKS

CAT6+ Modular Jack, RJ45, KeyConnect Style

Product Description

CAT6+ KeyConnect Jacks are available in several colors.

Technical Specifications

Product Overview

Suitable Applications:	IBDN System 2400, 3600 and 4800, TIA Category 6+, ISO Class E, 1000 BASE-T

Physical Characteristics (Overall)

Overall Height:	0.88 in
Overall Width:	0.64 in
Depth:	1.29 in
Wiring Scheme:	T568A/B
Packaging:	Individually packaged in a plastic bag. Standard pack of 50 units.
Weight:	0.014 lbs

Connectors

Materials

Description	Material	Type
Front Connection	Copper Alloy with 50 µ inch Gold over Nickel	Lead Frame
Rear Connection	Copper Alloy with Nickel Plating	IDC
Connector Body	Plastic - UL940V-0	

Electrical Characteristics

Dielectric Strength:	1,000V RMS @ 60 Hz for 1 minute
Current Rating:	1.500 A
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

Footprint/Type:	KeyConnect
Tool Compatibility:	Belden 110 Connecting Tool, MediaFlex Termination Station
Plug /Jack Compatibility:	RJ45, RJ11
Termination Front Connection:	Mated Connection
Termination Front Connection Durability:	1,000 cycles
Termination Rear Connection:	Gas Tight IDC Connection

Termination Rear Connection Durability:	20 terminations
Connector/Hardware Retention:	20 lbs
Plug/Connector Retention:	11.250 lbs

Standards

Data Category:	Category 6
TIA/EIA Compliance:	Category 6 - TIA 568.2-D, ISO/IEC 11801:2002 Ed.2
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, LS0H, Toxicity Testing

Safety Listing:	ACA, c(UL)us Listed

Related Part Numbers

Related Parts:	Compatible with KeyConnect Faceplates, Adapters, Boxes and Patch Panels

Variants

Item #	Color	Packaging
AX101319	Almond	Single Pack
AX101319-B24	Almond	Bulk Pack (24)
AX101321-B24	Black	Bulk Pack (24)
AX104193-B24	Blue	Bulk Pack (24)
AX104195	Brown	Single Pack
AX104195-B24	Brown	Bulk Pack (24)
AX101320	Electric White	Single Pack
AX101320-B24	Electric White	Bulk Pack (24)
AX101318	Gray	Single Pack
AX101318-B24	Gray	Bulk Pack (24)
AX104192	Green	Single Pack
AX104192-B24	Green	Bulk Pack (24)
AX103076-B24	Ivory	Bulk Pack (24)
AX103076	Ivory	Single Pack
AX104189	Orange	Single Pack
AX104189-B24	Orange	Bulk Pack (24)
AX104194	Purple	Single Pack
AX104194-B24	Purple	Bulk Pack (24)
AX104190	Red	Single Pack
AX104190-B24	Red	Bulk Pack (24)
AX101326	TIA Blue	Single Pack
AX101328	TIA Brown	Single Pack
AX101325	TIA Green	Single Pack
AX101322	TIA Orange	Single Pack
AX101327	TIA Purple	Single Pack
AX101323	TIA Red	Single Pack
AX101324	TIA Yellow	Single Pack
AX104191	Yellow	Single Pack
AX104191-B24	Yellow	Bulk Pack (24)

Product Notes

Included Parts:	1 T-Bar
Notes:	Please see Installation Guide PX103329

History

Update and Revision:	Revision Number: 0.296 Revision Date: 05-10-2023

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