



Product: [10GX KEYCONNECT JACKS](#) 

10GX Modular Jack, Category 6A, RJ45, KeyConnect Style

Product Description

CAT6A KeyConnect Jacks are available in several colors.

Technical Specifications

Product Overview

Suitable Applications:	IBDN System 10GX, TIA Category 6A, ISO Class EA, 10GBASE-T
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Physical Characteristics (Overall)

Height:	0.9 in
Width:	0.675 in
Depth:	1.17 in
Wiring Scheme:	T568A/B
Packaging:	Individually packaged in a plastic bag. Standard pack of 50 units.
Weight:	0.016 lbs

Connectors

Materials

Description	Material	Type
Front Connection	Flexible PCB with 50 μ inch Gold over Nickel	Flexible PCB
Rear Connection	Phosphor Bronze with Tin Plating over Nickel	IDC
Connector Body	Plastic - UL94V-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 Temp Range:	-10°C to +60°C
Storage Temp Range:	-40°C to +70°C
Operating Temp Range:	-10°C to +60°C

Mechanical Characteristics

Footprint/Type:	KeyConnect
Tool Compatibility:	Belden 110 Connecting Tool
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 6A
TIA/EIA Compliance:	ISO/IEC 11801:2002 Amendment 2
Other Compliance:	FCC Part 68, Subpart F, IEC 60603-7
Third Party Performance Verification:	ETL - Verified Category 6A

Applicable Environmental and Other Programs

Environmental Space:	Indoor
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2006-07-01
MII Order #39 (China RoHS):	EUP 50

Flammability, LSOH, Toxicity Testing

Safety Listing:	ACA, c(UL)us Listed
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Part Number

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

Item #	Color	Packaging	Wiring Scheme
AX102281	Almond	Single Pack	T568A/B
AX102283	Black	Single Pack	T568A/B
AX104156	Blue	Single Pack	T568A/B
AX104158	Brown	Single Pack	T568A/B
AX102282	Electric White	Single Pack	T568A/B
AX102280	Gray	Single Pack	T568A/B
AX104155	Green	Single Pack	T568A/B
AX103073	Ivory	Single Pack	T568A/B
AX104152	Orange	Single Pack	T568A/B
AX104157	Purple	Single Pack	T568A/B
AX102288	TIA Blue	Single Pack	T568A/B
AX102290	TIA Brown	Single Pack	T568A/B
AX102287	TIA Green	Single Pack	T568A/B
AX102284	TIA Orange	Single Pack	T568A/B
AX102289	TIA Purple	Single Pack	T568A/B
AX102285	TIA Red	Single Pack	T568A/B
AX102286	TIA Yellow	Single Pack	T568A/B
AX104154	Yellow	Single Pack	T568A/B

Product Notes

Included Parts:	1 X-Bar
Notes:	Please see Installation Guide PX103771

History

Update and Revision:	Revision Number: 0.224 Revision Date: 09-17-2020
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