



Product: [10GX KEYCONNECT COUPLERS](#) 

10GX RJ45 Coupler, KeyConnect Style

Product Description

CAT6A KeyConnect Jacks are available in several colors.

Technical Specifications

Product Overview

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

Height:	0.895 in
Width:	0.692 in
Depth:	1.522 in
Wiring Scheme:	T568A/B-T568A/B
Packaging:	Individually packaged in a clear plastic bag.
Weight:	0.380 lbs

Connectors

Materials

Description	Material	Type
Front Connection	Flexible PCB with 50 μ inch Gold over Nickel	Flexible PCB
Rear Connection	Flexible PCB with 50u inch Gold over Nickel	Flexible PCB
Connector Body	Plastic - UL94V-0	

Electrical Characteristics

Current Rating:	1.500 A
Insulation Resistance:	500 M-Ohm Minimum
Max Contact Resistance:	20 mOhm
Termination Resistance:	1,000V RMS @ 60 Hz for 1 minute

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
Plug /Jack Compatibility:	RJ45
Termination Front Connection:	Mated Connection
Termination Front Connection Durability:	750 cycles
Termination Rear Connection:	Mated Connection
Termination Rear Connection Durability:	750 cycles
Connector/Hardware Retention:	20 lbs

Standards

Data Category:	Category 6A
TIA/EIA Compliance:	ISO/IEC 11801:2002 Amendment 2
Other Standards:	FCC Part 68, Subpart F, IEC 60603-7

Applicable Environmental and Other Programs

Environmental Space:	Indoor
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2008-08-01
MII Order #39 (China RoHS):	EUP 50

Flammability, LS0H, Toxicity Testing

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

Related Parts:	10GX Coupler Patch Panels
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Variants

Item #	Color	Packaging	Wiring Scheme
AX104024	Black	Single Pack	T568A/B-T568A/B
AX104019	Blue	Single Pack	T568A/B-T568A/B
AX104023	Electric White	Single Pack	T568A/B-T568A/B
AX104018	Green	Single Pack	T568A/B-T568A/B
AX104015	Orange	Single Pack	T568A/B-T568A/B
AX104016	Red	Single Pack	T568A/B-T568A/B
AX104017	Yellow	Single Pack	T568A/B-T568A/B

History

Update and Revision:	Revision Number: 0.232 Revision Date: 03-16-2021
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