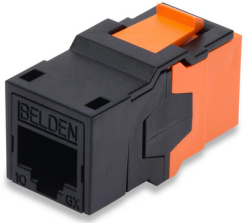




**Product:** [10GX KEYCONNECT COUPLERS](#)

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)**

Overall Height:	0.895 in
Overall 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 $\mu$ 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 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
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
MII Order #39 (China RoHS):	EUP 50

## Flammability, LSOH, Toxicity Testing

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

Related Parts:	10GX Coupler Patch Panels
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## Variants

Item #	Color	Packaging
AX104024	Black	Single Pack
AX104019	Blue	Single Pack
AX104023	Electric White	Single Pack
AX104018	Green	Single Pack
AX104015	Orange	Single Pack
AX104016	Red	Single Pack
AX104017	Yellow	Single Pack

## History

Update and Revision:	Revision Number: 0.309 Revision Date: 05-10-2023
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