



Product: [CAT6+ KEYCONNECT COUPLERS](#)



CAT6+ RJ45 Coupler, KeyConnect Style

Product Description

CAT6+ KeyConnect Jacks are available in several colors.

Technical Specifications

Product Overview

Suitable Applications:	IBDN System CAT6+, TIA Category 6
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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

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

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
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 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

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:	c(UL)us Listed
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Related Part Numbers

Related Parts:	CAT6+ Coupler Patch Panels
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Variants

Item #	Color	Packaging
AX104215	Black	Single Pack
AX104210	Blue	Single Pack
AX104214	Electric White	Single Pack
AX104213	Gray	Single Pack
AX104209	Green	Single Pack
AX104206	Orange	Single Pack
AX104211	Purple	Single Pack
AX104207	Red	Single Pack
AX104208	Yellow	Single Pack

History

Update and Revision:	Revision Number: 0.307 Revision Date: 05-10-2023
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