



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	Wiring Scheme
AX104215	Black	Single Pack	T568A/B-T568A/B
AX104210	Blue	Single Pack	T568A/B-T568A/B
AX104214	Electric White	Single Pack	T568A/B-T568A/B
AX104213	Gray	Single Pack	T568A/B-T568A/B
AX104209	Green	Single Pack	T568A/B-T568A/B
AX104206	Orange	Single Pack	T568A/B-T568A/B
AX104211	Purple	Single Pack	T568A/B-T568A/B
AX104207	Red	Single Pack	T568A/B-T568A/B
AX104208	Yellow	Single Pack	T568A/B-T568A/B

History

Update and Revision:	Revision Number: 0.297 Revision Date: 11-09-2022
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