



Product: [CAT6+ KEYCONNECT COUPLERS](#) 

CAT6+ RJ45 Coupler, KeyConnect Style

Product Description

CAT6+ KeyConnect Jacks are available in several colors.

Technical Specifications

Product Overview

Environmental Space:	Indoor
Suitable Applications:	IBDN System CAT6+, TIA Category 6

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 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 6+
Telecommunications Standards:	Category 6 - TIA 568.C.2, ISO/IEC 11801:2002 Ed.2
Other Standards:	FCC Part 68, Subpart F, IEC 60603-7

Applicable Environmental and Other Programs

EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2009-08-01
MII Order #39 (China RoHS):	EUP 50

Flammability, LSOH, Toxicity Testing

Safety Listing:	c(UL)us Listed
-----------------	----------------

Part Number

Related Parts:	CAT6+ Coupler Patch Panels
----------------	----------------------------

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: 0.189 Revision Date: 09-27-2019
----------------------	--

© 2020 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.