Belden

Product: DataConnect CAT6A Jacks

DataConnect CAT6A UTP Modular Jack, T568 A/B

Product Description

DataConnect CAT6A UTP Modular Jack, T568 A/B, available in several colors

Technical Specifications

Product Overview

Suitable Applications:	Ethernet 10/ 100/ 1000BASE-T, 2.5G/ 5G/ 10GBASE-T

Physical Characteristics (Overall)

Overall Height:	0.84 in
Overall Width:	0.67 in
Overall Depth:	1.350 in
Wiring Scheme:	T568A/B
Packaging:	Packaged in single or bulk packs of 24
Weight:	0.017 lbs

Connectors

Materials

Description	Material	Type
Front Connection	Phosphor Bronze Alloy plated with 50 micro- inch Gold	RJ45
Rear Connection	IDC- Phosphor Bronze alloy with 100 micro-inch 100% Sn Alloy	
Connector Body	Plastic - UL94V-0	

Electrical Characteristics

Dielectric Strength:	1,000 V RMS @ 60 Hz for 1 minute
Current Rating:	1.5 A
Insulation Resistance:	500 M-Ohm Minimum
Max Contact Resistance:	20 mOhm
Termination Resistance:	2.5 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

Connector System Compatibility:	Keystone
Tool Compatibility:	Belden 110 Connecting Tool (AX100749) MediaFlex Termination Station (AX101852) Belden Rapid TerminationTool (AX105566)
Plug /Jack Compatibility:	RJ45, RJ11
Termination Front Connection:	Mated Connection
Termination Front Connection Durability:	750 cycles
Termination Rear Connection:	(IDC) 110 style termination
Termination Rear Connection Durability:	> 20 cycles

Cable/Connector Retention:	11.25 lbs.
Connector/Hardware Retention:	20 lbs
Plug/Connector Retention:	11.250 lbs

Standards

UL Rating:	UL94V-0
ISO/IEC Compliance:	IEC 60603-7
Data Category:	Category 6A
TIA/EIA Compliance:	ANSI/TIA 1096-A (formerly FCC Part 68-F)
IEEE Compliance:	IEEE 802.3at type 1 and 2 (PoE) up to 30W, IEEE 802.3bt type 3 and 4 (PoE) up to 100W, CISCO (UPOE) up to 60W, Power over HDBaseTTM (POH) up to 100W

Applicable Environmental and Other Programs

Environmental Space:	Indoor
EU Directive 2002/95/EC (RoHS):	Yes
MII Order #39 (China RoHS):	EUP 50

Flammability, LS0H, Toxicity Testing

Safety Listing:	c(UL)us Listed, UL 1863, UL File E77103

Related Part Numbers

Related Parts:	Compatible with KeyConnect Faceplates, Adapters, Boxes and Patch Panels

Variants

Item #	Color	Packaging
DCAMJKUBK-S1	Black	Single Pack
DCAMJKUBK-B24	Black	24 Pack
DCAMJKUBL-S1	Blue	Single Pack
DCAMJKUBL-B24	Blue	24 Pack
DCAMJKUGY-S1	Gray	Single Pack
DCAMJKUGY-B24	Gray	24 Pack
DCAMJKUGN-S1	Green	Single Pack
DCAMJKUGN-B24	Green	24 Pack
DCAMJKUIV-S1	Ivory	Single Pack
DCAMJKUIV-B24	Ivory	24 Pack
DCAMJKUOR-S1	Orange	Single Pack
DCAMJKUOR-B24	Orange	24 Pack
DCAMJKUPR-S1	Purple	Single Pack
DCAMJKUPR-B24	Purple	24 Pack
DCAMJKURD-S1	Red	Single Pack
DCAMJKURD-B24	Red	24 Pack
DCAMJKUEW-S1	White	Single Pack
DCAMJKUEW-B24	White	24 Pack
DCAMJKUYL-S1	Yellow	Single Pack
DCAMJKUYL-B24	Yellow	24 Pack

Product Notes

Included Parts:	1 Protective Cap
Notes:	Please see Installation Guide PX106885.

History

Update and Revision:	Revision Number: 0.12 Revision Date: 09-26-2024

© 2026 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.