



Product: [DataConnect CAT6 Jacks](#)

DataConnect CAT6 UTP Modular Jack, T568 A/B

Product Description

DataConnect CAT6 UTP Modular Jack, T568 A/B, available in several colors

Technical Specifications

Product Overview

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

Physical Characteristics (Overall)

Overall Height:	0.93 in
Overall Width:	0.64 in
Depth:	1.360 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	Lead Frame Copper Alloy with 50 micro- inch Gold over Nickel	RJ45
Rear Connection	Copper alloy with Nickel Plating	
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

Footprint/Type:	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 6
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
DC6MJKUBK-S1	Black	Single Pack
DC6MJKUBL-S1	Blue	Single Pack
DC6MJKUEW-S1	Electric White	Single Pack
DC6MJKUGY-S1	Gray	Single Pack
DC6MJKUGN-S1	Green	Single Pack
DC6MJKUIV-S1	Ivory	Single Pack
DC6MJKUOR-S1	Orange	Single Pack
DC6MJKUPR-S1	Purple	Single Pack
DC6MJKURD-S1	Red	Single Pack
DC6MJKUYL-S1	Yellow	Single Pack

Product Notes

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

History

Update and Revision:	Revision Number: 0.39 Revision Date: 09-26-2024
----------------------	---

© 2025 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.