



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
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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

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 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, LSOH, Toxicity Testing

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

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