



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
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Physical Characteristics (Overall)

Height:	0.84 in
Width:	0.67 in
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

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 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, 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
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
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