

Product: DataConnect CAT6A STP Jacks

DataConnect CAT6A Shielded Modular Jack, T568 A/B

Product Description

DataConnect CAT6A Shielded Modular Jack, T568 A/B

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
Depth:	1.350 in
Wiring Scheme:	T568A/B
Packaging:	Individually packaged in a plastic bag.
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	Nickel plated zinc alloy diecast	

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
DCAMJKSME-S1	Metal	Single Pack

Product Notes

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

History

Update and Revision:	Revision Number: 0.10 Revision Date: 09-26-2024

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