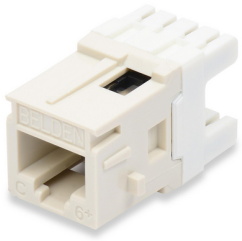

Product: CAT6+ MDVO JACKS

CAT6+ Modular Jack, RJ45, MDVO Style

Product Description

CAT6+ KeyConnect Jacks are available in several colors.

Technical Specifications

Product Overview

Suitable Applications:	IBDN System 2400 and 4800, TIA Category 6+, ISO Class E, 1000 BASE-T

Physical Characteristics (Overall)

Height:	0.765 in
Width:	0.77 in
Depth:	1.29 in
Wiring Scheme:	T568A/B
Packaging:	Individually packaged in a plastic bag. Standard pack of 50 units.
Weight:	0.014 lbs

Connectors

Materials

Description	Material	Type
Front Connection	Copper Alloy with 50 µ inch Gold over Nickel	Lead Frame
Rear Connection	Copper Alloy with Nickel Plating	IDC
Connector Body	Plastic - UL940V-0	

Electrical Characteristics

Dielectric Strength:	1,000V RMS @ 60 Hz for 1 minute
Current Rating:	1.500 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:	MDVO
Tool Compatibility:	Belden 110 Connecting Tool, MediaFlex Termination Station
Plug /Jack Compatibility:	RJ45, RJ11
Termination Front Connection:	Mated Connection
Termination Front Connection Durability:	1,000 cycles
Termination Rear Connection:	Gas Tight IDC Connection

Termination Rear Connection Durability:	20 terminations
Connector/Hardware Retention:	20 lbs
Plug/Connector Retention:	11.250 lbs

Standards

Data Category:	Category 6
TIA/EIA Compliance:	Category 6 - TIA 568.2-D, ISO/IEC 11801:2002 Ed.2
Other Standards:	FCC Part 68, Subpart F, IEC 60603-7
Third Party Performance Verification:	ETL - Verified Category 6

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:	ACA, c(UL)us Listed

Related Part Numbers

Related Parts:	Compatible with Interface and MDVO Style Faceplates, Adapters, Boxes and Patch Panels

Variants

Item #	Color	Packaging	Wiring Scheme
AX101064	Almond	Single Pack	T568A/B
AX101066	Black	Single Pack	T568A/B
AX101063	Gray	Single Pack	T568A/B
AX102563	Ivory	Single Pack	T568A/B
AX101071	TIA Blue	Single Pack	T568A/B
AX101073	TIA Brown	Single Pack	T568A/B
AX101067	TIA Orange	Single Pack	T568A/B
AX101072	TIA Purple	Single Pack	T568A/B
AX101068	TIA Red	Single Pack	T568A/B
AX101069	TIA Yellow	Single Pack	T568A/B
AX101065	White	Single Pack	T568A/B

Product Notes

Included Parts:	1 T-Bar +1 Dust Cap
Notes:	Please see Installation Guide PX103329

History

Update and Revision:	Revision Number: 0.299 Revision Date: 11-09-2022

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