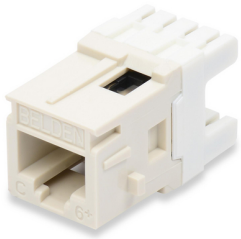

Product: CAT6+ MDVO JACKS

CAT6+ Modular Jack, RJ45, MDVO Style

Product Description

CAT6+ MDVO 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
AX101064	Almond	Single Pack
AX101066	Black	Single Pack
AX101063	Gray	Single Pack
AX102563	Ivory	Single Pack
AX101071	TIA Blue	Single Pack
AX101073	TIA Brown	Single Pack
AX101067	TIA Orange	Single Pack
AX101072	TIA Purple	Single Pack
AX101068	TIA Red	Single Pack
AX101069	TIA Yellow	Single Pack
AX101065	White	Single Pack

Product Notes

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

History

Update and Revision:	Revision Number: 0.376 Revision Date: 02-06-2024

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