

Product: 10GX MDVO JACKS

10GX Modular Jack, Category 6A, RJ45, MDVO Style

Product Description

CAT6A MDVO Jacks are available in several colors.

Technical Specifications

Product Overview

Suitable Applications:	IBDN System 10GX, TIA Category 6A, ISO Class E, 10GBASE-T

Physical Characteristics (Overall)

Overall Height:	0.78 in
Overall Width:	0.77 in
Depth:	1.17 in
Wiring Scheme:	T568A/B
Packaging:	Individually packaged in a plastic bag. Standard pack of 50 units.
Weight:	0.016 lbs

Connectors

Materials

Description	Material	Type
Front Connection	Flexible PCB with 50 µ inch Gold over Nickel	Flexible PCB
Rear Connection	Phosphor Bronze with Tin Plating over Nickel	IDC
Connector Body	Plastic - UL94V-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

Connector System Compatibility:	MDVO
Tool Compatibility:	Belden 110 Connecting Tool
Plug /Jack Compatibility:	RJ45, RJ11
Termination Front Connection:	Mated Connection
Termination Front Connection Durability:	750 cycles
Termination Rear Connection:	IDC Connection

Termination Rear Connection Durability:	20 terminations
Cable/Connector Retention:	15 lbs.
Connector/Hardware Retention:	20 lbs
Plug/Connector Retention:	11.250 lbs

Standards

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

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
AX102270	Almond	Single Pack
AX102272	Black	Single Pack
AX102269	Gray	Single Pack
AX102562	Ivory	Single Pack
AX102277	TIA Blue	Single Pack
AX102279	TIA Brown	Single Pack
AX102276	TIA Green	Single Pack
AX102273	TIA Orange	Single Pack
AX102278	TIA Purple	Single Pack
AX102274	TIA Red	Single Pack
AX102275	TIA Yellow	Single Pack
AX102271	White	Single Pack

Product Notes

Included Parts:	1 X-Bar + 1 Dust Cap
Notes:	Please see Installation Guide PX103771

History

Update and Revision:	Revision Number: 0.309 Revision Date: 05-10-2023

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