



Part Number: 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

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

Physical Characteristics (Overall)

Height:	0.78 in
Width:	0.77 in
Depth:	1.17 in
Termination Front Connection:	Mated Connection
Termination Rear Connection:	IDC Connection
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 Temp Range:	-10°C to +60°C
Storage Temp Range:	-40°C to +70°C
Operating Temp Range:	-10°C to +60°C

Mechanical Characteristics

Footprint/Type:	MDVO
Tool Compatibility:	Belden 110 Connecting Tool
Plug /Jack Compatibility:	RJ45, RJ11
Termination Front Connection Durability:	750 cycles
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
Telecommunications Standards:	Category 6A - TIA 568.C.2, 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

EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2006-07-01
MII Order #39 (China RoHS):	EUP 50

Flammability, LS0H, Toxicity Testing

Safety Listing:	ACA, c(UL)us Listed
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Part Number

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

Item #	Color	Packaging	Wiring Scheme
AX102270	Almond	Single Pack	T568A/B
AX102272	Black	Single Pack	T568A/B
AX102269	Gray	Single Pack	T568A/B
AX102562	Ivory	Single Pack	T568A/B
AX102277	TIA Blue	Single Pack	T568A/B
AX102279	TIA Brown	Single Pack	T568A/B
AX102276	TIA Green	Single Pack	T568A/B
AX102273	TIA Orange	Single Pack	T568A/B
AX102278	TIA Purple	Single Pack	T568A/B
AX102274	TIA Red	Single Pack	T568A/B
AX102275	TIA Yellow	Single Pack	T568A/B
AX102271	White	Single Pack	T568A/B

Product Notes

Included Parts:	1 X-Bar + 1 Dust Cap
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