



Product: [EZ-MDVO JACKS](#)

EZ-MDVO Modular Jack

Product Description

EZ-MDVO Jacks are available in several colors and wiring schemes.

Technical Specifications

Product Overview

Suitable Applications:	IBDN System 1200, TIA Category 5e, ISO Class D, 1000BASE-T
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Physical Characteristics (Overall)

Height:	0.71 in
Width:	0.75 in
Depth:	1.25 in
Wiring Scheme:	T568A/B
Packaging:	Individually packaged in a plastic bag. Standard pack of 50 units.
Weight:	0.013 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:	1,000 V 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
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

Termination Interface

Durabilities
1,000 cycles

Dimensions (WxHxD)

Width	Height	Depth
0.75	0.71	1.25

Standards

Data Category:	Category 5e
TIA/EIA Compliance:	Category 5e - TIA 568.C.2, Category 5 - ISO/IEC 11801:2002 Ed.2
Other Standards:	FCC Part 68, Subpart F, IEC 60603-7

Applicable Environmental and Other Programs

Environmental Space:	Indoor
EU Directive 2002/95/EC (RoHS):	Yes
MII Order #39 (China RoHS):	EUP 50

Suitability

Suitability - Indoor:	Yes
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Flammability, LS0H, Toxicity Testing

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

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

Item #	Color	Packaging
AX100172	Almond	Single Pack
AX100578	Almond	Single Pack
AX100589	Almond	Single Pack
AX100646	Almond	Single Pack
AX100174	Black	Single Pack
AX100580	Black	Single Pack
AX100591	Black	Single Pack
AX100648	Black	Single Pack
AX100171	Gray	Single Pack
AX100577	Gray	Single Pack
AX100588	Gray	Single Pack
AX100645	Gray	Single Pack
AX100179	TIA Blue	Single Pack
AX100585	TIA Blue	Single Pack
AX100596	TIA Blue	Single Pack
AX100653	TIA Blue	Single Pack
AX100181	TIA Brown	Single Pack
AX100587	TIA Brown	Single Pack
AX100598	TIA Brown	Single Pack
AX100655	TIA Brown	Single Pack
AX100178	TIA Green	Single Pack
AX100584	TIA Green	Single Pack
AX100595	TIA Green	Single Pack
AX100652	TIA Green	Single Pack
AX100175	TIA Orange	Single Pack
AX100581	TIA Orange	Single Pack
AX100592	TIA Orange	Single Pack
AX100649	TIA Orange	Single Pack
AX100180	TIA Purple	Single Pack

AX100586	TIA Purple	Single Pack
AX100597	TIA Purple	Single Pack
AX100654	TIA Purple	Single Pack
AX100176	TIA Red	Single Pack
AX100582	TIA Red	Single Pack
AX100593	TIA Red	Single Pack
AX100650	TIA Red	Single Pack
AX100177	TIA Yellow	Single Pack
AX100583	TIA Yellow	Single Pack
AX100594	TIA Yellow	Single Pack
AX100651	TIA Yellow	Single Pack
AX100173	White	Single Pack
AX100579	White	Single Pack
AX100590	White	Single Pack
AX100647	White	Single Pack

Product Notes

Included Parts:	Center Stuffercap Coded A/B
Notes:	Please See Installation Guide PX102753

History

Update and Revision:	Revision Number: 0.243 Revision Date: 05-10-2023
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