BELDEN

Product: [CAT5E MDVO JACKS](#) ⧉

CAT5E Modular Jack, RJ45, MDVO Style

Product Description

CAT5E MDVO Jacks are available in several colors.

Technical Specifications

Product Overview

Suitable Applications:	IBDN System 1200, TIA Category 5E, ISO Class D, 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 5e
TIA/EIA Compliance:	Category 5 - ISO/IEC 11801:2002 Ed.2
Other Standards:	FCC Part 68, Subpart F, IEC 60603-7
Third Party Performance Verification:	ETL - Verified Category 5e

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
AX101045	Almond	Single Pack
AX101047	Black	Single Pack
AX101044	Gray	Single Pack
AX102564	Ivory	Single Pack
AX101052	TIA Blue	Single Pack
AX101054	TIA Brown	Single Pack
AX101051	TIA Green	Single Pack
AX101048	TIA Orange	Single Pack
AX101053	TIA Purple	Single Pack
AX101049	TIA Red	Single Pack
AX101050	TIA Yellow	Single Pack
AX101046	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: 0.298 Revision Date: 05-10-2023