



**Product:** [FLEX MODULE USOC](#)

Flex Modular Jack, RJ45, MDVO Style

## Product Description

Flex Module USOC are available in several colors.

## Technical Specifications

### Product Overview

Suitable Applications:	Voice Applications
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### Physical Characteristics (Overall)

Height:	0.85 in
Width:	0.77 in
Depth:	1.35 in
Wiring Scheme:	USOC
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 $\mu$ 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
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

Other Standards:	FCC Part 68, Subpart F, IEC 60603-7
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## Applicable Environmental and Other Programs

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

## Flammability, LSOH, 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
AX101034	Almond	Single Pack
AX101036	Black	Single Pack
AX101033	Gray	Single Pack
AX102565	Ivory	Single Pack
AX101041	TIA Blue	Single Pack
AX101043	TIA Brown	Single Pack
AX101040	TIA Green	Single Pack
AX101037	TIA Orange	Single Pack
AX101042	TIA Purple	Single Pack
AX101038	TIA Red	Single Pack
AX101039	TIA Yellow	Single Pack
AX101035	White	Single Pack

## Product Notes

Included Parts:	1 Clear Protective Cap
Notes:	Please see Installation Guide PX101565

## History

Update and Revision:	Revision Number: 0.197 Revision Date: 05-10-2023
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