



M-Series Modular Jack, RJ45, Cat6 Unshielded, Orange

OBSOLETE

This product was discontinued on: November 30, 2024

Replaced By:

760258936  
UNJ600T-OR

M-Series Modular Jack, RJ45, Cat6 Unshielded, Orange

Product Classification

Regional Availability	North America
Portfolio	Uniprise®
Product Type	Modular jack
Product Series	UNJ Series

General Specifications

ANSI/TIA Category	6
Application	Universal design and label supports both T568 A and B wiring
Cable Type	Unshielded
Color	Orange
Conductor Type	Solid   Stranded
Integrated Dust Cover Type	None
Mounting	M Series faceplates, surface mount boxes, consolidation point boxes, or CommScope modular panels
Mounting Note	Can be mounted either at 90° (straight) or at 45° (angled) in any CommScope faceplate
Termination Type	IDC
Wiring	T568A   T568B

Dimensions

Height	20.32 mm   0.8 in
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Width	20.32 mm   0.8 in
Depth	30.48 mm   1.2 in
Compatible Conductor Gauge, solid	22 AWG   24 AWG
Compatible Conductor Gauge, stranded	22 AWG   23 AWG   24 AWG
Electrical Specifications	
Contact Resistance Variation, maximum	20 mOhm
Contact Resistance, maximum	100 mOhm
Current Rating at Temperature	1.5 A @ 20 °C   1.5 A @ 68 °F
Dielectric Withstand Voltage, RMS, conductive surface	1,500 Vac @ 60 Hz
Dielectric Withstand Voltage, RMS, contact-to-contact	1,000 Vac @ 60 Hz
Insulation Resistance, minimum	500 MOhm
PoE Durability	Supports IEEE 802.3bt Type 4 (90 W) applications greater than 3000 plug to jack mating cycles
Material Specifications	
Contact Plating Material	Precious metals
Material Type	Copper alloy   High-impact, flame retardant, thermoplastic
Termination Contact Plating	Nickel
Mechanical Specifications	
Plug Retention Force, minimum	133 N   29.9 lbf
Plug to Jack Mating Cycles	Complies to IEC 60603-7 series
Environmental Specifications	
Operating Temperature	-10 °C to +60 °C (+14 °F to +140 °F)
Storage Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Relative Humidity	Up to 95%, non-condensing
Flammability Rating	UL 94 V-0
Safety Standard	UL   cUL
Packaging and Weights	
Packaging quantity	1
Regulatory Compliance/Certifications	

Agency

CHINA-ROHS  
ISO 9001:2015  
REACH-SVHC  
ROHS  
UK-ROHS

Classification

Below maximum concentration value  
Designed, manufactured and/or distributed under this quality management system  
Compliant as per SVHC revision on [www.commscope.com/ProductCompliance](http://www.commscope.com/ProductCompliance)  
Compliant  
Compliant

