



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

**OBSOLETE**

This product was discontinued on: November 30, 2024

**Replaced By:**

760258935                      M-Series Modular Jack, RJ45, Cat6 Unshielded, Black  
UNJ600T-BK

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	Black
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
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 quantity1

Regulatory Compliance/Certifications

Agency	Classification
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant
UK-ROHS	Compliant