



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

This product will be discontinued on: November 30, 2024

Replaced By:

760258941
UNJ600T-GY

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

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

Gray

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 after 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

Classification

CHINA-ROHS

Below maximum concentration value

ISO 9001:2015

Designed, manufactured and/or distributed under this quality management system

REACH-SVHC

Compliant as per SVHC revision on www.commscope.com/ProductCompliance

ROHS

Compliant

UK-ROHS

Compliant

