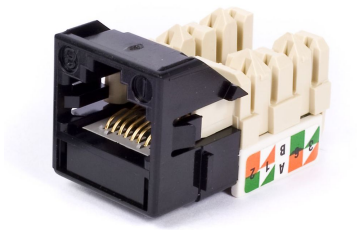
CC0020826/1 | UNJ600T-BK



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

This product will be discontinued on: November 30, 2024

Replaced By:

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

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

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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

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Packaging quantity	1

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 www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant

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