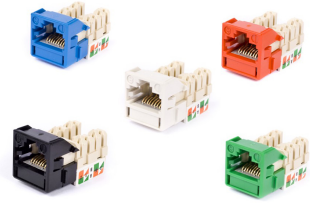


UNJ600T

Base Product



M-Series Modular Jack, RJ45, Cat6 Unshielded

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

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

UNJ600T

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