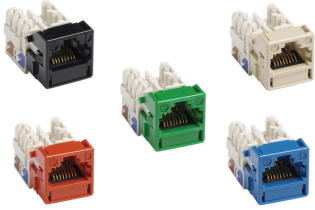


# UNJ600T

## 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

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<b>Contact Resistance, maximum</b>	100 mOhm
<b>Current Rating at Temperature</b>	1.5 A @ 20 °C   1.5 A @ 68 °F
<b>Dielectric Withstand Voltage, RMS, conductive surface</b>	1,500 Vac @ 60 Hz
<b>Dielectric Withstand Voltage, RMS, contact-to-contact</b>	1,000 Vac @ 60 Hz
<b>Insulation Resistance, minimum</b>	500 MOhm
<b>PoE Durability</b>	Supports IEEE 802.3bt Type 4 (90 W) applications greater than 3000 plug to jack mating cycles

## Material Specifications

<b>Contact Plating Material</b>	Precious metals
<b>Material Type</b>	Copper alloy   High-impact, flame retardant, thermoplastic
<b>Termination Contact Plating</b>	Nickel

## Mechanical Specifications

<b>Plug Retention Force, minimum</b>	133 N   29.9 lbf
<b>Plug to Jack Mating Cycles</b>	Complies to IEC 60603-7 series

## Environmental Specifications

<b>Operating Temperature</b>	-10 °C to +60 °C (+14 °F to +140 °F)
<b>Storage Temperature</b>	-40 °C to +70 °C (-40 °F to +158 °F)
<b>Relative Humidity</b>	Up to 95%, non-condensing
<b>Flammability Rating</b>	UL 94 V-0
<b>Safety Standard</b>	UL   cUL