



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

Product Classification

| | |
|------------------------------|---------------|
| Regional Availability | North America |
| Portfolio | Uniprise® |
| Product Type | Modular jack |
| Product Series | UNJ Series |

General Specifications

| | |
|-----------------------------------|--|
| ANSI/TIA Category | 6 |
| Cable Type | Unshielded |
| Color | Violet |
| Conductor Type | Solid Stranded |
| Integrated Dust Cover Type | None |
| Mounting | M Series faceplates and panels |
| Outlet Feature | Inverted jack face |
| Outlet Type | Standard |
| Termination Tool | SL Termination tool |
| Termination Type | IDC |
| Transmission Standards | ANSI/TIA-568-C.2 ISO/IEC 11801 Class E |
| Wiring | T568A T568B |

Dimensions

| | |
|---|--------------------|
| Panel Thickness, recommended | 1.6 mm 0.063 in |
| Compatible Insulated Conductor Diameter, maximum | 1.45 mm 0.057 in |
| Contact Plating Thickness | 1.27 µm |
| Compatible Conductor Gauge, solid | 24–22 AWG |
| Compatible Conductor Gauge, stranded | 26–24 AWG |

Electrical Specifications

760237787 | UNJ600-VL

Remote Powering

Fully supports the safe delivery of power over LAN cabling described by IEEE 802.3bt (Type 4) and complies with the unmating under electrical load requirements prescribed by IEC 60512-99-002

PoE Durability

Supports IEEE 802.3bt Type 4 (90 W) applications after 3000 plug to jack mating cycles

Material Specifications

Contact Base Material

Beryllium copper

Contact Plating Material

Gold

Mechanical Specifications

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)

Flammability Rating

UL 94 V-0

Packaging and Weights

Packaging quantity

1

Packaging Type

Bag

Regulatory Compliance/Certifications

Agency

Classification

CHINA-ROHS

Below maximum concentration value

REACH-SVHC

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

ROHS

Compliant

UK-ROHS

Compliant

