M-Series Modular Jack, RJ45, Cat6A Unshielded, White

- Color is more prominently visible across the body of the jack
- Allows for all jack variants to be terminated with the SL termination tool
- Lacing fixture of the SL termination tool is used to establish the cable termination

Product Classification

Regional Availability
North America

Portfolio
Uniprise®

Product Type
Modular jack

Product Series
UNJ Series

General Specifications

ANSI/TIA Category
6A

Cable Type
Unshielded

Color
White

Conductor Type
Solid | Stranded

Integrated Dust Cover Type
None

Mounting
M Series faceplates and panels

Mounting Note
Color matches with M-series White Faceplates and Surface Mount Boxes

Outlet Type
Standard

Termination Tool
SL Termination tool

Termination Type
IDC

Transmission Standards
ANSI/TIA-568.2-D | ISO/IEC 11801 Class EA

Wiring
T568A | T568B

Dimensions

Panel Cutout, recommended
16.66 x 17.68 mm (0.66 x 0.70 in)

Panel Thickness, recommended
1.6 mm | 0.063 in

Height
17.48 mm | 0.688 in

Width
16.5 mm | 0.65 in

Depth
30.48 mm | 1.2 in

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<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compatible Cable Diameter, maximum</td>
<td>7.24 mm</td>
</tr>
<tr>
<td>Compatible Insulated Conductor Diameter, maximum</td>
<td>1.45 mm</td>
</tr>
<tr>
<td>Contact Plating Thickness</td>
<td>1.27 µm</td>
</tr>
<tr>
<td>Compatible Conductor Gauge, solid</td>
<td>22 AWG</td>
</tr>
<tr>
<td>Compatible Conductor Gauge, stranded</td>
<td>24 AWG</td>
</tr>
</tbody>
</table>

**Electrical Specifications**

- **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
- **Material Type**: Copper alloy | High-impact, flame retardant, thermoplastic | Polycarbonate

**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 |