RJ45 Modular Jack, SL Series, Category 5e, unshielded, without dust cover, violet

Product Classification

Portfolio: CommScope®
Product Series: SL Series
Product Type: Modular jack
Regional Availability: Asia | Australia/New Zealand | EMEA | Latin America | North America

Dimensions

Compatible Insulated Conductor Diameter, maximum: 1.450 mm | 0.057 in
Depth: 30.48 mm | 1.20 in
Height: 16.26 mm | 0.64 in
Width: 14.48 mm | 0.57 in

Electrical Specifications

ANSI/TIA Category: 5e
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
Safety Voltage Rating: 150 Vac
Transmission Standard: ANSI/TIA-568-C.2 | ISO/IEC 11801 Class D

Environmental Specifications

Flammability Rating: UL 94 V-0
Operating Temperature: -40 ºC to +70 ºC (-40 ºF to +158 ºF)
Safety Standard: CSA | cUL

General Specifications

Cable Type: Unshielded
Color: Violet
Includes: Strain relief cap
### Mount Type
SL Series faceplates and panels

### Package Quantity
1

### Packaging Type
Bag

### Panel Cutout, recommended
14.78 x 20.07 mm (0.58 x 0.79 in)

### Panel Thickness, recommended
1.60 mm

### Mechanical Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conductor Gauge, solid</td>
<td>24–22 AWG</td>
</tr>
<tr>
<td>Conductor Gauge, stranded</td>
<td>26–24 AWG</td>
</tr>
<tr>
<td>Conductor Type</td>
<td>Solid</td>
</tr>
<tr>
<td>Contact Base Material</td>
<td>Beryllium copper</td>
</tr>
<tr>
<td>Contact Plating Material</td>
<td>Gold</td>
</tr>
<tr>
<td>Contact Plating Thickness</td>
<td>1.27 µm</td>
</tr>
<tr>
<td>Material Type</td>
<td>Polycarbonate</td>
</tr>
<tr>
<td>Outlet Type</td>
<td>Standard</td>
</tr>
<tr>
<td>Plug Insertion Life, minimum</td>
<td>750 times</td>
</tr>
<tr>
<td>Plug Retention Force, minimum</td>
<td>89 N</td>
</tr>
<tr>
<td>Termination Punchdowns, minimum</td>
<td>200 times</td>
</tr>
<tr>
<td>Termination Tool</td>
<td>SL Termination tool</td>
</tr>
<tr>
<td>Termination Type</td>
<td>IDC</td>
</tr>
<tr>
<td>Wiring</td>
<td>T568A</td>
</tr>
</tbody>
</table>

### Regulatory Compliance/Certifications

**Agency**
RoHS 2011/65/EU

**Classification**
Compliant