SL-Series Modular Jack, RJ45, Cat6 Unshielded, with Dust Cover

### General Specifications

**ANSI/TIA Category**: 6  
**Cable Type**: Unshielded  
**Conductor Type**: Solid | Stranded  
**Mounting**: SL Series faceplates and panels  
**Outlet Type**: Standard  
**Termination Punchdowns, minimum**: 200 times  
**Termination Tool**: SL Termination tool  
**Termination Type**: IDC  
**Transmission Standards**: ANSI/TIA-568-C.2 | ISO/IEC 11801 Class E  
**Wiring**: T568A | T568B

### Dimensions

<table>
<thead>
<tr>
<th>Specification</th>
<th>Measurement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Panel Cutout, recommended</td>
<td>14.78 x 20.07 mm (0.58 x 0.79 in)</td>
</tr>
<tr>
<td>Panel Thickness, recommended</td>
<td>1.6 mm</td>
</tr>
<tr>
<td>Height</td>
<td>16.26 mm</td>
</tr>
<tr>
<td>Width</td>
<td>14.48 mm</td>
</tr>
<tr>
<td>Depth</td>
<td>30.48 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>24–22 AWG</td>
</tr>
</tbody>
</table>
Compatible Conductor Gauge, stranded

26–24 AWG

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

Safety Voltage Rating

150 Vac

Material Specifications

Contact Base Material

Beryllium copper

Contact Plating Material

Gold

Material Type

Polycarbonate

Mechanical Specifications

Plug Retention Force, minimum

89 N | 20.008 lbf

Plug to Jack Mating Cycles

Complies to IEC 60603-7 series

Environmental Specifications

Operating Temperature

-40 °C to +70 °C (-40 °F to +158 °F)

Flammability Rating

UL 94 V-0

Safety Standard

CSA | cUL