Modular Plug Kit, 8P/8C, unshielded, flat oval, 2.54 x 8.89 mm max cable jack OD, 8-position, 100/bag

### Product Classification

**Regional Availability**
- Asia
- Australia/New Zealand
- EMEA
- Latin America
- North America

**Portfolio**
CommScope®

**Product Type**
Modular plug

### General Specifications

**ANSI/TIA Category**
5

**Cable Type**
Flat oval, unshielded

**Conductor Type**
Solid | Stranded

**Interface**
RJ45

**Positions/Loaded Contacts**
8/8

**Termination Type**
IDC

### Dimensions

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compatible Cable Diameter, maximum</td>
<td>8.89 mm</td>
</tr>
<tr>
<td>Compatible Cable Diameter, minimum</td>
<td>2.54 mm</td>
</tr>
<tr>
<td>Compatible Insulated Conductor Diameter, maximum</td>
<td>0.99 mm</td>
</tr>
<tr>
<td>Compatible Insulated Conductor Diameter, minimum</td>
<td>0.86 mm</td>
</tr>
<tr>
<td>Contact Plating Thickness</td>
<td>1.27 µm</td>
</tr>
<tr>
<td>Compatible Conductor Gauge, solid</td>
<td>26–24 AWG</td>
</tr>
<tr>
<td>Compatible Conductor Gauge, stranded</td>
<td>26–24 AWG</td>
</tr>
</tbody>
</table>

### Electrical Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current Rating, maximum</td>
<td>0.75 A</td>
</tr>
<tr>
<td>Insulation Resistance, minimum</td>
<td>500 mOhm</td>
</tr>
</tbody>
</table>
Safety Voltage Rating | 150 Vac
---|---

### Material Specifications

- **Contact Base Material**: Phosphor bronze
- **Contact Plating Material**: Gold
- **Material Type**: Glass filled polycarbonate

### Mechanical Specifications

- **Plug Insertion Life, minimum**: 750 times

### Environmental Specifications

- **Operating Temperature**: -10 °C to +60 °C (+14 °F to +140 °F)
- **Relative Humidity**: Up to 93%, non-condensing
- **Safety Standard**: UL 1863

### Packaging and Weights

- **Packaging quantity**: 100
- **Packaging Type**: Bag | Box | Carton

### Regulatory Compliance/Certifications

<table>
<thead>
<tr>
<th>Agency</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHINA-ROHS</td>
<td>Below maximum concentration value</td>
</tr>
<tr>
<td>REACH-SVHC</td>
<td>Compliant as per SVHC revision on <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a></td>
</tr>
<tr>
<td>ROHS</td>
<td>Compliant</td>
</tr>
</tbody>
</table>