Modular Plug Kit, category 5e, shielded, 8-position, 5.1 – 6.0 mm max cable jack OD, 100/bag

### Product Classification

<table>
<thead>
<tr>
<th>Regional Availability</th>
<th>Asia</th>
<th>Australia/New Zealand</th>
<th>EMEA</th>
<th>Latin America</th>
<th>North America</th>
</tr>
</thead>
</table>

**Portfolio**
CommScope®

**Product Type**
Modular plug

### General Specifications

**ANSI/TIA Category**
5e

**Cable Type**
Round, shielded

**Conductor Type**
Solid | Stranded

**Interface**
RJ45

**Positions/Loaded Contacts**
8/8

**Termination Type**
IDC

### Dimensions

<table>
<thead>
<tr>
<th>Compatible Cable Diameter, maximum</th>
<th>6 mm</th>
<th>0.236 in</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compatible Cable Diameter, minimum</td>
<td>5.1 mm</td>
<td>0.201 in</td>
</tr>
<tr>
<td>Compatible Insulated Conductor Diameter, maximum</td>
<td>1.09 mm</td>
<td>0.043 in</td>
</tr>
<tr>
<td>Compatible Insulated Conductor Diameter, minimum</td>
<td>0.89 mm</td>
<td>0.035 in</td>
</tr>
<tr>
<td>Contact Plating Thickness</td>
<td>1.27 µm</td>
<td></td>
</tr>
</tbody>
</table>

**Compatible Conductor Gauge, solid**
26–23 AWG

**Compatible Conductor Gauge, stranded**
26–23 AWG

### Electrical Specifications

**Insulation Resistance, minimum**
500 mOhm
Material Specifications

- **Contact Base Material**: Phosphor Bronze
- **Contact Plating Material**: Gold
- **Material Type**: Glass filled polycarbonate
- **Plug Shield Base Material**: Stainless steel
- **Plug Shield Plating Material**: Nickel

Mechanical Specifications

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

Environmental Specifications

- **Operating Temperature**: -10 °C to +60 °C (+14 °F to +140 °F)
- **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>
<tr>
<td>UK-ROHS</td>
<td>Compliant</td>
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