Modular Plug, Category 6A/6, Unshielded, Cond Insulation OD - 0.79 mm, 100 pcs

### Product Classification

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

**Portfolio**
CommScope®

**Product Type**
Modular plug

### General Specifications

**ANSI/TIA Category**
- 6
- 6A

**Cable Type**
- Round, unshielded

**Conductor Type**
- Solid
- Stranded

**Interface**
- RJ45

**Positions/Loaded Contacts**
- 8/8

**Termination Type**
- IDC

### Dimensions

**Compatible Insulated Conductor Diameter, maximum**
- 0.89 mm
- 0.035 in

**Compatible Insulated Conductor Diameter, minimum**
- 0.69 mm
- 0.027 in

**Contact Plating Thickness**
- 1.27 µm

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

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

### Electrical Specifications

**Current Rating, maximum**
- 0.75 A

**Insulation Resistance, minimum**
- 500 mOhm

**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**: -40 °C to +60 °C (-40 °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>
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</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>
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