Modular Plug Kit, category 5e, shielded, 8-position, 5.1 – 6.0 mm max cable jack OD, 500/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

- **Compatible Cable Diameter, maximum**
  - 6 mm | 0.236 in
- **Compatible Cable Diameter, minimum**
  - 5.1 mm | 0.201 in
- **Compatible Insulated Conductor Diameter, maximum**
  - 1.09 mm | 0.043 in
- **Compatible Insulated Conductor Diameter, minimum**
  - 0.89 mm | 0.035 in
- **Contact Plating Thickness**
  - 1.27 µm
- **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: -40 °C to +60 °C (-40 °F to +140 °F)
- Safety Standard: UL 1863

Packaging and Weights

- Packaging quantity: 500
- Packaging Type: Bag | Box | Carton

Regulatory Compliance/Certifications

- Agency: CHINA-ROHS, REACH-SVHC, ROHS
- Classification: Below maximum concentration value, Compliant as per SVHC revision on www.commscope.com/ProductCompliance, Compliant

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