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

<table>
<thead>
<tr>
<th>Contact Base Material</th>
<th>Phosphor bronze</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contact Plating Material</td>
<td>Gold</td>
</tr>
<tr>
<td>Material Type</td>
<td>Glass filled polycarbonate</td>
</tr>
<tr>
<td>Plug Shield Base Material</td>
<td>Stainless steel</td>
</tr>
<tr>
<td>Plug Shield Plating Material</td>
<td>Nickel</td>
</tr>
</tbody>
</table>

## 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 | 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>