Field Installable LC Connector, SM-UPC, Blue, for 250/900um, single pack

Product Classification

Regional Availability
Asia | Australia/New Zealand | EMEA | Latin America | North America
Portfolio
CommScope®
Product Type
Fiber connector
Product Brand
Qwik | TeraSPEED®
Product Series
Qwik II

General Specifications

Body Style
BTW
Color, boot
Black
Color, housing
Blue
Ferrule Geometry
Factory polished
Interface
LC
Interface Feature
Field Installable | Mechanical splice | UPC

Dimensions

Length
42.6 mm | 1.677 in
Compatible Cable Diameter
0.25 mm | 0.01 in | 0.9 mm | 0.035 in

Material Specifications

Ferrule Material
Zirconia

Mechanical Specifications

Cable Retention Strength, maximum
1.00 lb @ 0 °

Optical Specifications

Fiber Mode
Singlemode
<table>
<thead>
<tr>
<th>Fiber Type</th>
<th>OS2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Insertion Loss Change, mating</td>
<td>0.2 dB</td>
</tr>
<tr>
<td>Optical Components Standard</td>
<td>ANSI/TIA-568. 3-D</td>
</tr>
<tr>
<td>Insertion Loss Change, temperature</td>
<td>0.3 dB</td>
</tr>
<tr>
<td>Insertion Loss, maximum</td>
<td>0.5 dB</td>
</tr>
<tr>
<td>Insertion Loss, typical</td>
<td>0.2 dB</td>
</tr>
<tr>
<td>Return Loss, minimum</td>
<td>45 dB</td>
</tr>
</tbody>
</table>

**Environmental Specifications**

**Operating Temperature**

-40 °C to +75 °C (-40 °F to +167 °F)

**Packaging and Weights**

| Packaging quantity | 1 |

**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>ISO 9001:2015</td>
<td>Designed, manufactured and/or distributed under this quality management system</td>
</tr>
<tr>
<td>ROHS</td>
<td>Compliant</td>
</tr>
</tbody>
</table>

* Footnotes

**Insertion Loss Change, mating**

TIA-568: Maximum insertion loss change after 500 matings

**Insertion Loss Change, temperature**

Maximum insertion loss change from -10 °C to +60 °C (+14 °F to +140 °F)