Field Installable SC Connector, OM3/4/5, Aqua, 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
LazrSPEED®   |   Qwik

Product Series
Qwik II

Ordering Note
Minimum order quantity (MOQ) is 125 pcs

General Specifications

Body Style
BTW

Color
Aqua

Color, boot
Black

Ferrule Geometry
Factory polished

Interface
SC

Interface Feature
Field Installable   |   Mechanical splice

Dimensions

Length
50 mm   |   1.969 in

Compatible Cable Diameter, maximum
0.9 mm   |   0.035 in

Compatible Cable Diameter, minimum
0.25 mm   |   0.01 in

Material Specifications

Ferrule Material
Zirconia

Mechanical Specifications

Cable Retention Strength, maximum
1.00 lb @ 0 °
### Optical Specifications

<table>
<thead>
<tr>
<th>Fiber Mode</th>
<th>Multimode</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fiber Type</td>
<td>OM3</td>
</tr>
<tr>
<td>Insertion Loss Change, mating</td>
<td>0.3 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>0.27 dB</td>
</tr>
<tr>
<td>Return Loss, minimum</td>
<td>20 dB</td>
</tr>
</tbody>
</table>

### 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>
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* 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)