

LazrSPEED® Pre-Radiused SC Connector for 1.6 mm Fiber Cordage, Simplex, multimode

## Product Classification

|                              |   |
|------------------------------|---|
| <b>Regional Availability</b> | Asia   Australia/New Zealand   EMEA   Latin America   North America |
| <b>Portfolio</b>             | CommScope®  |
| <b>Product Type</b>          | Fiber connector   |
| <b>Product Brand</b>         | LazrSPEED®  |

## General Specifications

|                         |              |
|-------------------------|--------------|
| <b>Body Style</b>       | Simplex      |
| <b>Color</b>            | Beige        |
| <b>Ferrule Geometry</b> | Pre-radiused |
| <b>Interface</b>        | SC/UPC       |

## Dimensions

|                                  |                   |
|----------------------------------|-------------------|
| <b>Length</b>                    | 56 mm   2.205 in  |
| <b>Compatible Cable Diameter</b> | 1.6 mm   0.063 in |

## Material Specifications

|                         |          |
|-------------------------|----------|
| <b>Ferrule Material</b> | Zirconia |
|-------------------------|----------|

## Mechanical Specifications

|  |                |
|--|----------------|
| <b>Cable Retention Strength, maximum</b> | 11.24 lb @ 0 ° |
|--|----------------|

## Optical Specifications

|   |                  |
|---|------------------|
| <b>Fiber Mode</b>                         | Multimode        |
| <b>Insertion Loss Change, mating</b>      | 0.3 dB           |
| <b>Optical Components Standard</b>        | ANSI/TIA-568-C.3 |
| <b>Insertion Loss Change, temperature</b> | 0.3 dB           |
| <b>Insertion Loss, typical</b>            | 0.3 dB           |
| <b>Return Loss, minimum</b>               | 20 dB            |

## Packaging and Weights

**Packaging quantity** 1

## Regulatory Compliance/Certifications

| <b>Agency</b> | <b>Classification</b>  |
|---------------|--|
| CHINA-ROHS    | Below maximum concentration value  |
| ISO 9001:2015 | Designed, manufactured and/or distributed under this quality management system   |
| REACH-SVHC    | Compliant as per SVHC revision on <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a> |
| ROHS          | Compliant  |
| UK-ROHS       | Compliant  |



## \* 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)