

Fiber indoor cable, LazrSPEED® 1.6 mm Plenum Simplex, Multimode OM4, Feet jacket marking, Rose jacket color

Product Classification

|                       |   |
|-----------------------|---|
| Regional Availability | Asia   Australia/New Zealand   Latin America   Middle East/Africa   North America |
| Portfolio             | CommScope®  |
| Product Type          | Fiber indoor cable  |
| Product Series        | P-SP  |

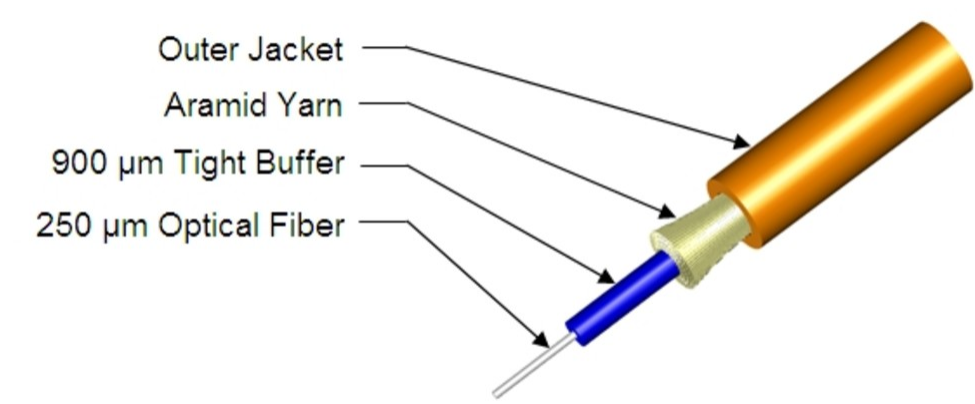
General Specifications

|                   |             |
|-------------------|-------------|
| Cable Type        | Cordage     |
| Construction Type | Non-armored |
| Subunit Type      | Gel-free    |
| Jacket Color      | Rose        |
| Jacket Marking    | Feet        |
| Total Fiber Count | 1           |

Dimensions

|                      |                   |
|----------------------|-------------------|
| Diameter Over Jacket | 1.7 mm   0.067 in |
|----------------------|-------------------|

Representative Image



Mechanical Specifications

|                                   |                                       |
|-----------------------------------|---------------------------------------|
| Minimum Bend Radius, loaded       | 38 mm   1.496 in                      |
| Minimum Bend Radius, unloaded     | 15 mm   0.591 in                      |
| Tensile Load, long term, maximum  | 29 N   6.519 lbf                      |
| Tensile Load, short term, maximum | 98 N   22.031 lbf                     |
| Compression                       | 10 N/mm   57.101 lb/in                |
| Compression Test Method           | FOTP-41   IEC 60794-1 E3              |
| Flex                              | 300 cycles                            |
| Flex Test Method                  | FOTP-104   IEC 60794-1 E6             |
| Impact                            | 0.74 N-m   6.55 in lb                 |
| Impact Test Method                | FOTP-25   IEC 60794-1 E4              |
| Strain                            | See long and short term tensile loads |
| Strain Test Method                | FOTP-33   IEC 60794-1 E1              |
| Twist                             | 10 cycles                             |
| Twist Test Method                 | FOTP-85   IEC 60794-1 E7              |
| Vertical Rise, maximum            | 500 m   1,640.42 ft                   |

Optical Specifications

|            |   |
|------------|---|
| Fiber Type | OM4, LazrSPEED® 550   OM4, LazrSPEED® 550 |
|------------|---|

Environmental Specifications

|                               |                                       |
|-------------------------------|---------------------------------------|
| Installation temperature      | 0 °C to +70 °C (+32 °F to +158 °F)    |
| Operating Temperature         | -20 °C to +70 °C (-4 °F to +158 °F)   |
| Storage Temperature           | -40 °C to +70 °C (-40 °F to +158 °F)  |
| Cable Qualification Standards | ANSI/ICEA S-83-596   Telcordia GR-409 |
| Environmental Space           | Plenum                                |
| Flame Test Listing            | NEC OFNP (ETL) and c(ETL)             |
| Flame Test Method             | NFPA 130   NFPA 262                   |

### Environmental Test Specifications

|                               |                                     |
|-------------------------------|-------------------------------------|
| Heat Age                      | -20 °C to +85 °C (-4 °F to +185 °F) |
| Heat Age Test Method          | IEC 60794-1 F9                      |
| Low High Bend                 | -20 °C to +70 °C (-4 °F to +158 °F) |
| Low High Bend Test Method     | FOTP-37   IEC 60794-1 E11           |
| Temperature Cycle             | -20 °C to +70 °C (-4 °F to +158 °F) |
| Temperature Cycle Test Method | FOTP-3   IEC 60794-1 F1             |

### Packaging and Weights

|              |                        |
|--------------|------------------------|
| Cable weight | 3 kg/km   2.016 lb/kft |
|--------------|------------------------|

### Included Products

|          |   |   |
|----------|---|---|
| CS-5K-TB | – | LazrSPEED® 550 OM4 Bend-Insensitive Multimode Fiber |
|----------|---|---|

### \* Footnotes

**Operating Temperature** Specification applicable to non-terminated bulk fiber cable