

LazrSPEED® Plenum Distribution Cable, 6 fiber single-unit

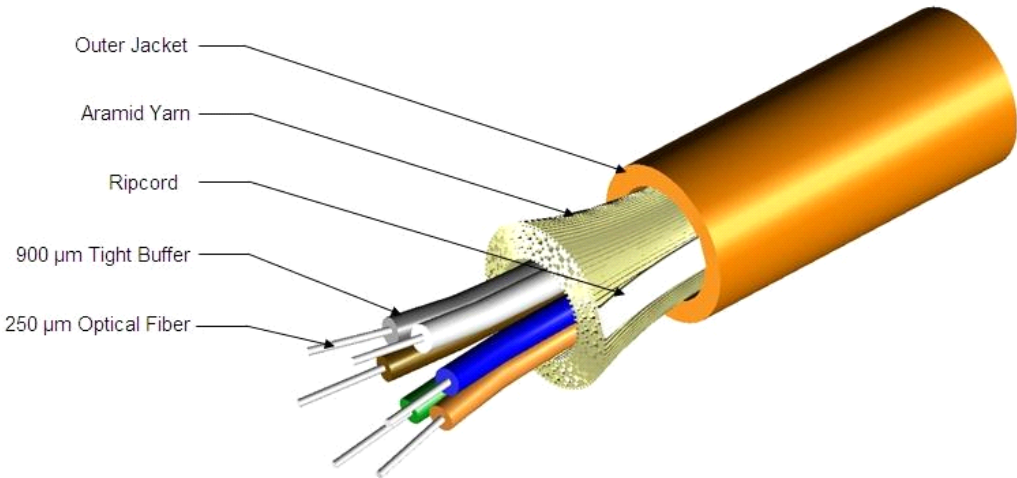
Product Classification

|                       |                                                                     |
|-----------------------|---------------------------------------------------------------------|
| Portfolio             | CommScope®                                                          |
| Product Type          | Fiber indoor cable                                                  |
| Regional Availability | Asia   Australia/New Zealand   EMEA   Latin America   North America |

Standards And Qualifications

|                               |                                       |
|-------------------------------|---------------------------------------|
| Cable Qualification Standards | ANSI/ICEA S-83-596   Telcordia GR-409 |
|-------------------------------|---------------------------------------|

Representative Image



General Specifications

|                   |              |
|-------------------|--------------|
| Cable Type        | Distribution |
| Construction Type | Non-armored  |
| Subunit Type      | Gel-free     |

Construction Materials

|                     |                     |
|---------------------|---------------------|
| Fiber Type Solution | OM3, LazrSPEED® 300 |
| Total Fiber Count   | 6                   |

|                             |                     |
|-----------------------------|---------------------|
| <b>Fiber Type</b>           | OM3, LazrSPEED® 300 |
| <b>Fiber Type, quantity</b> | 6                   |
| <b>Jacket Color</b>         | Aqua                |

## Dimensions

|                             |                          |
|-----------------------------|--------------------------|
| <b>Cable Weight</b>         | 14.8 lb/kft   22.0 kg/km |
| <b>Diameter Over Jacket</b> | 4.74 mm   0.19 in        |

## Physical Specifications

|                                          |                     |
|------------------------------------------|---------------------|
| <b>Minimum Bend Radius, loaded</b>       | 7.1 cm   2.8 in     |
| <b>Minimum Bend Radius, unloaded</b>     | 4.7 cm   1.9 in     |
| <b>Tensile Load, long term, maximum</b>  | 45 lbf   200 N      |
| <b>Tensile Load, short term, maximum</b> | 150 lbf   667 N     |
| <b>Vertical Rise, maximum</b>            | 500.0 m   1640.4 ft |

## Flame Test Specifications

|                           |                           |
|---------------------------|---------------------------|
| <b>Flame Test Listing</b> | NEC OFNP (ETL) and c(ETL) |
| <b>Flame Test Method</b>  | NFPA 262                  |

## Environmental Specifications

|                                 |                                      |
|---------------------------------|--------------------------------------|
| <b>Environmental Space</b>      | Plenum                               |
| <b>Installation Temperature</b> | 0 °C to +70 °C (+32 °F to +158 °F)   |
| <b>Operating Temperature</b>    | -20 °C to +70 °C (-4 °F to +158 °F)  |
| <b>Storage Temperature</b>      | -40 °C to +70 °C (-40 °F to +158 °F) |

## Mechanical Test Specifications

|                                |                                       |
|--------------------------------|---------------------------------------|
| <b>Compression</b>             | 10 N/mm   57 lb/in                    |
| <b>Compression Test Method</b> | FOTP-41   IEC 60794-1 E3              |
| <b>Flex</b>                    | 100 cycles                            |
| <b>Flex Test Method</b>        | FOTP-104   IEC 60794-1 E6             |
| <b>Impact</b>                  | 4.34 ft lb   5.88 N-m                 |
| <b>Impact Test Method</b>      | FOTP-25   IEC 60794-1 E4              |
| <b>Strain</b>                  | See long and short term tensile loads |
| <b>Strain Test Method</b>      | FOTP-33   IEC 60794-1 E1              |
| <b>Twist</b>                   | 10 cycles                             |
| <b>Twist Test Method</b>       | FOTP-85   IEC 60794-1 E7              |

## 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             |

Regulatory Compliance/Certifications

|                 |                                                                                |
|-----------------|--------------------------------------------------------------------------------|
| Agency          | Classification                                                                 |
| RoHS 2011/65/EU | Compliant                                                                      |
| ISO 9001:2015   | Designed, manufactured and/or distributed under this quality management system |



Included Products

CS-5L-TB (Product Component—not orderable) — LazrSPEED® 300 OM3 Bend-Insensitive Multimode Fiber

\* Footnotes

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