

Product Classification

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

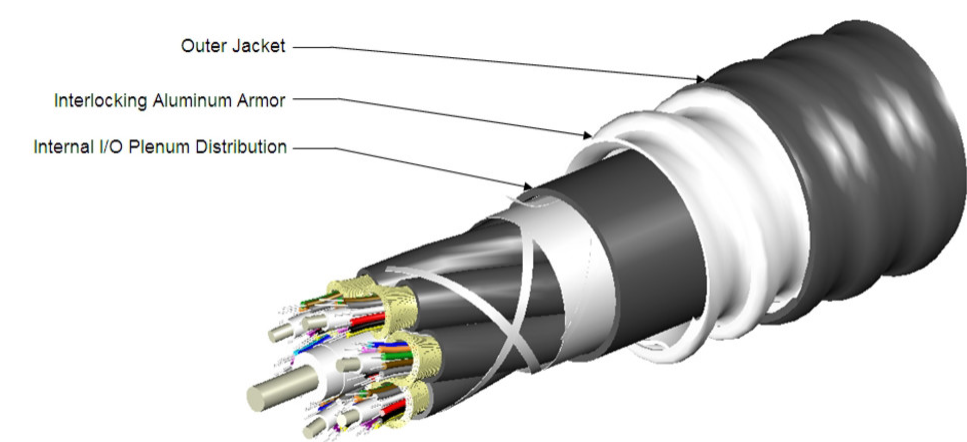
General Specifications

|                              |                       |
|------------------------------|-----------------------|
| Armor Type                   | Interlocking aluminum |
| Cable Type                   | Distribution          |
| Construction Type            | Armored               |
| Subunit Type                 | Gel-free              |
| Jacket Color                 | Black                 |
| Jacket Marking               | Feet                  |
| Subunit, quantity            | 4                     |
| Fibers per Subunit, quantity | 12                    |
| Composite Fiber Count        | 24 + 24               |
| Total Fiber Count            | 48                    |

Dimensions

|                              |                     |
|------------------------------|---------------------|
| Buffer Tube/Subunit Diameter | 6.9 mm   0.272 in   |
| Diameter Over Armor          | 24.77 mm   0.975 in |
| Diameter Over Jacket         | 26.8 mm   1.055 in  |

Representative Image



## Mechanical Specifications

|                                   |                                       |
|-----------------------------------|---------------------------------------|
| Minimum Bend Radius, loaded       | 402 mm   15.827 in                    |
| Minimum Bend Radius, unloaded     | 268 mm   10.551 in                    |
| Tensile Load, long term, maximum  | 400 N   89.924 lbf                    |
| Tensile Load, short term, maximum | 1335 N   300.12 lbf                   |
| Compression                       | 85 N/mm   485.363 lb/in               |
| Compression Test Method           | FOTP-41   IEC 60794-1 E3              |
| Flex                              | 25 cycles                             |
| Flex Test Method                  | FOTP-104   IEC 60794-1 E6             |
| Impact                            | 35 N-m   309.776 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            | 69 m   226.378 ft                     |

## Optical Specifications

|            |  |
|------------|--|
| Fiber Type | Composite MM/SM   G.652.D and G.657.A1, TeraSPEED®   OM3, LazrSPEED® 300 |
|------------|--|

## Environmental Specifications

|                               |   |
|-------------------------------|---|
| Installation temperature      | -30 °C to +70 °C (-22 °F to +158 °F)  |
| Operating Temperature         | -25 °C to +70 °C (-13 °F to +158 °F)  |
| Storage Temperature           | -40 °C to +75 °C (-40 °F to +167 °F)  |
| Cable Qualification Standards | ANSI/ICEA S-104-696   Telcordia GR-20 (water penetration for internal cable)   Telcordia GR-409 |
| Environmental Space           | Plenum  |
| Flame Test Listing            | NEC OFCP (ETL) and c(ETL)   |
| Flame Test Method             | NFPA 130   NFPA 262   |
| Jacket UV Resistance          | UV stabilized   |
| Water Penetration             | 24 h  |
| Water Penetration Test Method | FOTP-82   IEC 60794-1 F5  |

### Environmental Test Specifications

|                               |                                      |
|-------------------------------|--------------------------------------|
| Cable Freeze Test Method      | IEC 60794-1 F15                      |
| Heat Age                      | -40 °C to +85 °C (-40 °F to +185 °F) |
| Heat Age Test Method          | IEC 60794-1 F9                       |
| Low High Bend                 | -40 °C to +70 °C (-40 °F to +158 °F) |
| Low High Bend Test Method     | FOTP-37   IEC 60794-1 E11            |
| Temperature Cycle             | -40 °C to +70 °C (-40 °F to +158 °F) |
| Temperature Cycle Test Method | FOTP-3   IEC 60794-1 F1              |

### Packaging and Weights

|              |                            |
|--------------|----------------------------|
| Cable weight | 595 kg/km   399.822 lb/kft |
|--------------|----------------------------|

### Regulatory Compliance/Certifications

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

### Included Products

|          |   |
|----------|---|
| CS-5L-TB | – LazrSPEED® 300 OM3 Bend-Insensitive Multimode Fiber |
| CS-8W-TB | – TeraSPEED® Singlemode Fiber                         |

### \* Footnotes

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