

Fiber OSP cable, LazrSPEED® Single Jacket All-Dielectric, Gel-Free, 6 fibers, Stranded Loose Tube, Multimode OM3, Feet jacket marking, Black jacket color

Product Classification

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

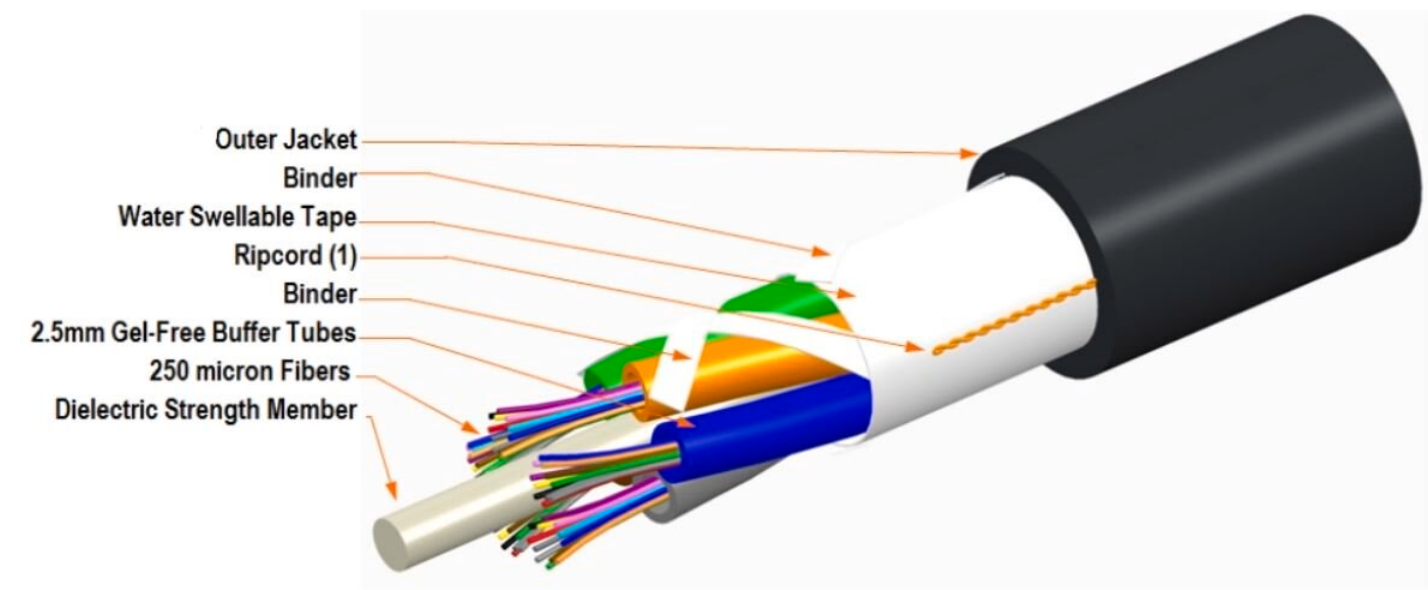
General Specifications

|                              |                     |
|------------------------------|---------------------|
| Cable Type                   | Stranded loose tube |
| Construction Type            | Non-armored         |
| Subunit Type                 | Gel-free            |
| Filler, quantity             | 4                   |
| Jacket Color                 | Black               |
| Jacket Marking               | Feet                |
| Subunit, quantity            | 1                   |
| Fibers per Subunit, quantity | 6                   |
| Total Fiber Count            | 6                   |

Dimensions

|                              |                    |
|------------------------------|--------------------|
| Buffer Tube/Subunit Diameter | 2.5 mm   0.098 in  |
| Diameter Over Jacket         | 10.2 mm   0.402 in |

Representative Image



Material Specifications

|                 |    |
|-----------------|----|
| Jacket Material | PE |
|-----------------|----|

Mechanical Specifications

|                                   |                                       |
|-----------------------------------|---------------------------------------|
| Minimum Bend Radius, loaded       | 153 mm   6.024 in                     |
| Minimum Bend Radius, unloaded     | 102 mm   4.016 in                     |
| Tensile Load, long term, maximum  | 800 N   179.847 lbf                   |
| Tensile Load, short term, maximum | 2700 N   606.984 lbf                  |
| Compression                       | 22 N/mm   125.623 lb/in               |
| Compression Test Method           | FOTP-41   IEC 60794-1 E3              |
| Flex                              | 25 cycles                             |
| Flex Test Method                  | FOTP-104   IEC 60794-1 E6             |
| Impact                            | 4.41 N-m   39.032 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 | 1307 m   4,288.058 ft    |

Optical Specifications

|            |                     |
|------------|---------------------|
| Fiber Type | OM3, LazrSPEED® 300 |
|------------|---------------------|

Environmental Specifications

|                               |                                                  |
|-------------------------------|--------------------------------------------------|
| Installation temperature      | -30 °C to +70 °C (-22 °F to +158 °F)             |
| Operating Temperature         | -40 °C to +70 °C (-40 °F to +158 °F)             |
| Storage Temperature           | -40 °C to +75 °C (-40 °F to +167 °F)             |
| Cable Qualification Standards | ANSI/ICEA S-87-640   EN 187105   Telcordia GR-20 |
| Environmental Space           | Aerial, lashed   Buried                          |
| Jacket UV Resistance          | UV stabilized                                    |
| Water Penetration             | 24 h                                             |
| Water Penetration Test Method | FOTP-82   IEC 60794-1 F5                         |

Environmental Test Specifications

|                               |                                      |
|-------------------------------|--------------------------------------|
| Cable Freeze                  | -2 °C   28.4 °F                      |
| Cable Freeze Test Method      | FOTP-98   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                 | -30 °C to +60 °C (-22 °F to +140 °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 | 63 kg/km   42.334 lb/kft |
|--------------|--------------------------|

Regulatory Compliance/Certifications

| Agency        | Classification                                                                 |
|---------------|--------------------------------------------------------------------------------|
| CHINA-ROHS    | Below maximum concentration value                                              |
| ISO 9001:2015 | Designed, manufactured and/or distributed under this quality management system |
| ROHS          | Compliant                                                                      |
| UK-ROHS       | Compliant                                                                      |



Included Products

|          |                                                       |
|----------|-------------------------------------------------------|
| CS-5L-LT | - LazrSPEED® 300 OM3 Bend-Insensitive Multimode Fiber |
|----------|-------------------------------------------------------|