

Fiber indoor cable, LazrSPEED® Plenum Distribution Cable, 2 fiber single-unit, Multimode OM5, Feet jacket marking, Lime green 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-DS                                                                              |

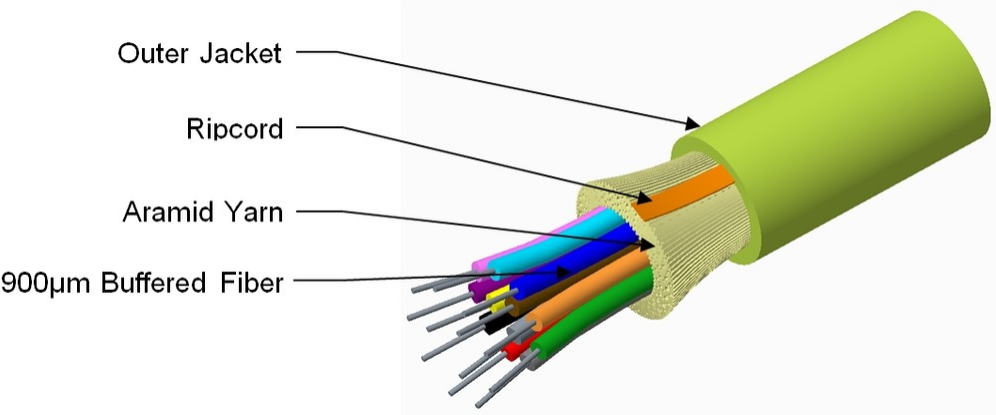
## General Specifications

|                   |              |
|-------------------|--------------|
| Cable Type        | Distribution |
| Construction Type | Non-armored  |
| Subunit Type      | Gel-free     |
| Jacket Color      | Lime green   |
| Jacket Marking    | Feet         |
| Total Fiber Count | 2            |

## Dimensions

|                      |                    |
|----------------------|--------------------|
| Diameter Over Jacket | 3.76 mm   0.148 in |
|----------------------|--------------------|

## Representative Image



Mechanical Specifications

|                                   |                                       |
|-----------------------------------|---------------------------------------|
| Minimum Bend Radius, loaded       | 56 mm   2.205 in                      |
| Minimum Bend Radius, unloaded     | 38 mm   1.496 in                      |
| Tensile Load, long term, maximum  | 200 N   44.962 lbf                    |
| Tensile Load, short term, maximum | 667 N   149.948 lbf                   |
| Compression                       | 10 N/mm   57.101 lb/in                |
| Compression Test Method           | FOTP-41   IEC 60794-1 E3              |
| Flex                              | 100 cycles                            |
| Flex Test Method                  | FOTP-104   IEC 60794-1 E6             |
| Impact                            | 2.94 N-m   26.021 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 | OM5, LazrSPEED® wideband   OM5, LazrSPEED® wideband |
|------------|-----------------------------------------------------|

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 | 13 kg/km   8.736 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-5G-TB | – LazrSPEED® OM5 WideBand Multimode Fiber |
|----------|-------------------------------------------|

### \* Footnotes

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