

## 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  |

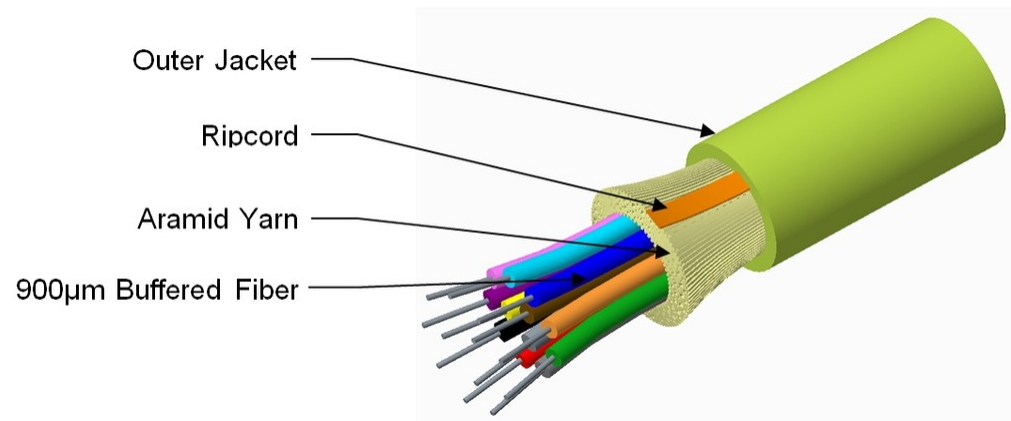
## General Specifications

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

## Dimensions

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

## Representative Image



## Mechanical Specifications

|  |                                       |
|--|---------------------------------------|
| <b>Minimum Bend Radius, loaded</b>       | 56 mm   2.205 in                      |
| <b>Minimum Bend Radius, unloaded</b>     | 38 mm   1.496 in                      |
| <b>Tensile Load, long term, maximum</b>  | 200 N   44.962 lbf                    |
| <b>Tensile Load, short term, maximum</b> | 667 N   149.948 lbf                   |
| <b>Compression</b>                       | 10 N/mm   57.101 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>                            | 2.94 N-m   26.021 in lb               |
| <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              |
| <b>Vertical Rise, maximum</b>            | 500 m   1,640.42 ft                   |

## Optical Specifications

|                   |   |
|-------------------|---|
| <b>Fiber Type</b> | OM5, LazrSPEED® wideband   OM5, LazrSPEED® wideband |
|-------------------|---|

## Environmental Specifications

|                                      |                                       |
|--------------------------------------|---------------------------------------|
| <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)  |
| <b>Cable Qualification Standards</b> | ANSI/ICEA S-83-596   Telcordia GR-409 |
| <b>Environmental Space</b>           | Plenum                                |
| <b>Flame Test Listing</b>            | NEC OFNP (ETL) and c(ETL)             |
| <b>Flame Test Method</b>             | NFPA 130   NFPA 262                   |

## Environmental Test Specifications

|                             |                                     |
|-----------------------------|-------------------------------------|
| <b>Heat Age</b>             | -20 °C to +85 °C (-4 °F to +185 °F) |
| <b>Heat Age Test Method</b> | IEC 60794-1 F9                      |
| <b>Low High Bend</b>        | -20 °C to +70 °C (-4 °F to +158 °F) |

# 760250038 | P-002-DS-5G-FSUOR

|                               |                                     |
|-------------------------------|-------------------------------------|
| 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 |
| 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 |
|-----------------------|---|