

Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser MPO Trunk, 16-fiber, 3.0mm subunits, Multimode OM5, Gel-free, Feet jacket marking, Lime green jacket color, B2ca Flame rating

## Product Classification

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

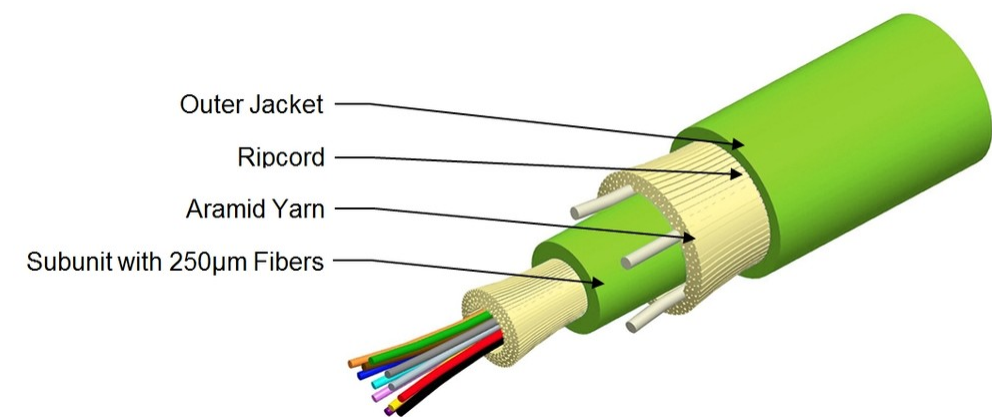
## General Specifications

|                   |                 |
|-------------------|-----------------|
| Cable Type        | MPO trunk cable |
| Construction Type | Non-armored     |
| Subunit Type      | Gel-free        |
| Jacket Color      | Lime green      |
| Jacket Marking    | Feet            |
| Subunit, quantity | 1               |
| Total Fiber Count | 16              |

## Dimensions

|                              |                   |
|------------------------------|-------------------|
| Buffer Tube/Subunit Diameter | 3 mm   0.118 in   |
| Diameter Over Jacket         | 6.4 mm   0.252 in |

## Representative Image



## Mechanical Specifications

|                                   |                                       |
|-----------------------------------|---------------------------------------|
| Minimum Bend Radius, loaded       | 96 mm   3.78 in                       |
| Minimum Bend Radius, unloaded     | 64 mm   2.52 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                              | 25 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            | 445 m   1,459.974 ft                  |

## Optical Specifications

|            |                          |
|------------|--------------------------|
| Fiber Type | OM5, LazrSPEED® wideband |
|------------|--------------------------|

## Environmental Specifications

|                          |                                    |
|--------------------------|------------------------------------|
| Installation temperature | 0 °C to +50 °C (+32 °F to +122 °F) |
| Operating Temperature    | 0 °C to +60 °C (+32 °F to +140 °F) |

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|  |   |
|--|---|
| Storage Temperature                          | -40 °C to +60 °C (-40 °F to +140 °F)                  |
| Cable Qualification Standards                | ANSI/ICEA S-83-596   Telcordia GR-409                 |
| EN50575 CPR Cable EuroClass Fire Performance | B2ca  |
| EN50575 CPR Cable EuroClass Smoke Rating     | s1a   |
| EN50575 CPR Cable EuroClass Droplets Rating  | d0  |
| EN50575 CPR Cable EuroClass Acidity Rating   | a1  |
| Environmental Space                          | Dual Rated LSZH/Riser   Low Smoke Zero Halogen (LSZH) |
| Flame Test Listing                           | NEC OFNR-ST1 (ETL) and c(ETL)                         |
| Flame Test Method                            | IEC 60754-2   IEC 61034-2   UL 1666   UL 1685         |

## Environmental Test Specifications

|                               |                                    |
|-------------------------------|------------------------------------|
| Heat Age                      | 0 °C to +85 °C (+32 °F to +185 °F) |
| Heat Age Test Method          | IEC 60794-1 F9                     |
| Low High Bend                 | 0 °C to +50 °C (+32 °F to +122 °F) |
| Low High Bend Test Method     | FOTP-37   IEC 60794-1 E11          |
| Temperature Cycle             | 0 °C to +60 °C (+32 °F to +140 °F) |
| Temperature Cycle Test Method | FOTP-3   IEC 60794-1 F1            |

## Packaging and Weights

|              |                            |
|--------------|----------------------------|
| Cable weight | 45.9 kg/km   30.843 lb/kft |
|--------------|----------------------------|

## Included Products

- CS-5G-MP – LazrSPEED® OM5 WideBand Multimode Fiber

## \* Footnotes

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