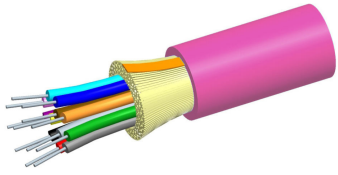


# 760239668 | N-024-DS-5L-FSURS/D

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Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser Distribution, 24 fiber single-unit, Multimode OM3, Feet jacket marking, Rose jacket color, Dca flame rating

## Product Classification

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

## General Specifications

|                          |              |
|--------------------------|--------------|
| <b>Cable Type</b>        | Distribution |
| <b>Construction Type</b> | Non-armored  |
| <b>Subunit Type</b>      | Gel-free     |
| <b>Jacket Color</b>      | Rose         |
| <b>Jacket Marking</b>    | Feet         |
| <b>Total Fiber Count</b> | 24           |

## Dimensions

|                             |                   |
|-----------------------------|-------------------|
| <b>Diameter Over Jacket</b> | 8.6 mm   0.339 in |
|-----------------------------|-------------------|

## Representative Image



## Mechanical Specifications

|  |                                       |
|--|---------------------------------------|
| <b>Minimum Bend Radius, loaded</b>       | 130 mm   5.118 in                     |
| <b>Minimum Bend Radius, unloaded</b>     | 86 mm   3.386 in                      |
| <b>Tensile Load, long term, maximum</b>  | 400 N   89.924 lbf                    |
| <b>Tensile Load, short term, maximum</b> | 1335 N   300.12 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>                            | 5.88 N-m   52.042 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> | OM3, LazrSPEED® 300   OM3, LazrSPEED® 300 |
|-------------------|---|

## Environmental Specifications

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|   |   |
|---|---|
| <b>Installation temperature</b>                     | -10 °C to +60 °C (+14 °F to +140 °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>EN50575 CPR Cable EuroClass Fire Performance</b> | Dca   |
| <b>EN50575 CPR Cable EuroClass Smoke Rating</b>     | s1a   |
| <b>EN50575 CPR Cable EuroClass Droplets Rating</b>  | d1  |
| <b>EN50575 CPR Cable EuroClass Acidity Rating</b>   | a1  |
| <b>Environmental Space</b>                          | Low Smoke Zero Halogen (LSZH)   Riser                       |
| <b>Flame Test Listing</b>                           | NEC OFNR-ST1 (ETL) and c(ETL)                               |
| <b>Flame Test Method</b>                            | IEC 60332-3   IEC 60754-2   IEC 61034-2   UL 1666   UL 1685 |

## 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>                 | -10 °C to +60 °C (+14 °F to +140 °F) |
| <b>Low High Bend Test Method</b>     | FOTP-37   IEC 60794-1 E11            |
| <b>Temperature Cycle</b>             | -20 °C to +70 °C (-4 °F to +158 °F)  |
| <b>Temperature Cycle Test Method</b> | FOTP-3   IEC 60794-1 F1              |

## Packaging and Weights

|                     |                         |
|---------------------|-------------------------|
| <b>Cable weight</b> | 66 kg/km   44.35 lb/kft |
|---------------------|-------------------------|

## Regulatory Compliance/Certifications

| <b>Agency</b> | <b>Classification</b>  |
|---------------|--|
| CENELEC       | EN 50575 compliant, Declaration of Performance (DoP) available                 |
| 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 |
|----------|---|

## \* Footnotes

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

