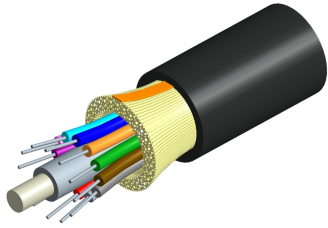


# 760037457 | P-024-OD-5K-FSUBK



Fiber Indoor/Outdoor cable, LazrSPEED® Plenum Distribution, 24 fiber single-unit, Multimode OM4, Gel-free, Feet jacket marking, Black jacket color

## Product Classification

|                              |   |
|------------------------------|---|
| <b>Regional Availability</b> | Asia   Australia/New Zealand   Latin America   Middle East/Africa   North America |
| <b>Portfolio</b>             | CommScope®  |
| <b>Product Type</b>          | Fiber indoor/outdoor cable  |
| <b>Product Series</b>        | P-OD  |

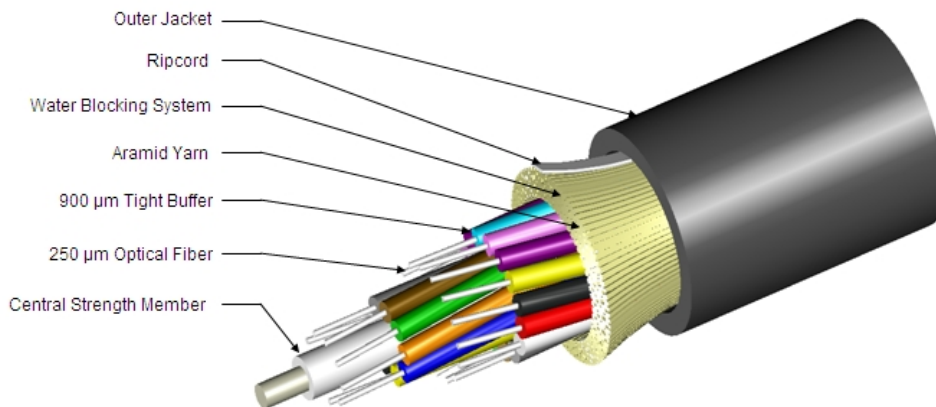
## General Specifications

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

## Dimensions

|                             |                   |
|-----------------------------|-------------------|
| <b>Diameter Over Jacket</b> | 7.9 mm   0.311 in |
|-----------------------------|-------------------|

## Representative Image



## Mechanical Specifications

|  |                                       |
|--|---------------------------------------|
| <b>Minimum Bend Radius, loaded</b>       | 119 mm   4.685 in                     |
| <b>Minimum Bend Radius, unloaded</b>     | 79 mm   3.11 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>                       | 22 N/mm   125.623 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> | OM4, LazrSPEED® 550   OM4, LazrSPEED® 550 |
|-------------------|---|

## Environmental Specifications

|                                      |  |
|--------------------------------------|--|
| <b>Installation temperature</b>      | -30 °C to +70 °C (-22 °F to +158 °F)   |
| <b>Operating Temperature</b>         | -25 °C to +70 °C (-13 °F to +158 °F)   |
| <b>Storage Temperature</b>           | -40 °C to +75 °C (-40 °F to +167 °F)   |
| <b>Cable Qualification Standards</b> | ANSI/ICEA S-104-696   Telcordia GR-20 (water penetration)   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  |
| <b>Jacket UV Resistance</b>          | UV stabilized  |
| <b>Water Penetration</b>             | 24 h   |
| <b>Water Penetration Test Method</b> | FOTP-82   IEC 60794-1 F5   |

## Environmental Test Specifications

|                                      |                                      |
|--------------------------------------|--------------------------------------|
| <b>Cable Freeze Test Method</b>      | IEC 60794-1 F15                      |
| <b>Heat Age</b>                      | -40 °C to +85 °C (-40 °F to +185 °F) |
| <b>Heat Age Test Method</b>          | IEC 60794-1 F9                       |
| <b>Low High Bend</b>                 | -40 °C to +70 °C (-40 °F to +158 °F) |
| <b>Low High Bend Test Method</b>     | FOTP-37   IEC 60794-1 E11            |
| <b>Temperature Cycle</b>             | -40 °C to +70 °C (-40 °F to +158 °F) |
| <b>Temperature Cycle Test Method</b> | FOTP-3   IEC 60794-1 F1              |

## Packaging and Weights

|                     |                          |
|---------------------|--------------------------|
| <b>Cable weight</b> | 62 kg/km   41.662 lb/kft |
|---------------------|--------------------------|

## Regulatory Compliance/Certifications

| <b>Agency</b> | <b>Classification</b>  |
|---------------|--|
| CHINA-ROHS    | Below maximum concentration value  |
| ISO 9001:2015 | Designed, manufactured and/or distributed under this quality management system   |
| REACH-SVHC    | Compliant as per SVHC revision on <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a> |
| ROHS          | Compliant  |
| UK-ROHS       | Compliant  |



## Included Products

|          |   |   |
|----------|---|---|
| CS-5K-TB | - | LazrSPEED® 550 OM4 Bend-Insensitive Multimode Fiber |
|----------|---|---|

## \* Footnotes

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