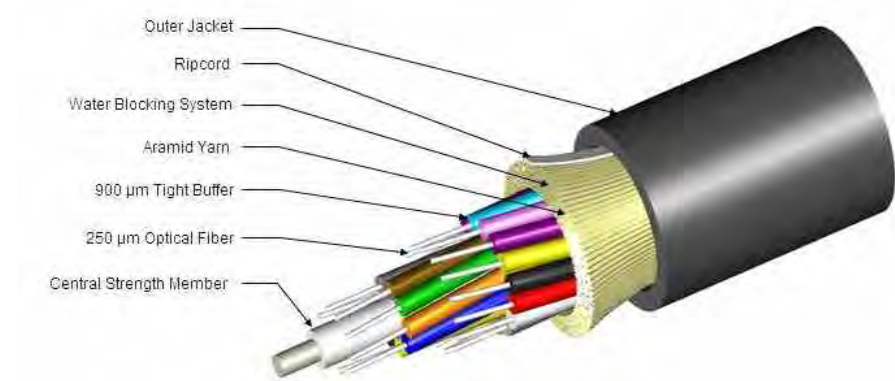




760037457 | P-024-OD-5K-FSUBK  
Indoor/Outdoor Plenum Distribution Cable, 24 fiber single-unit

## Representative Image



## General Specifications

|                   |              |
|-------------------|--------------|
| Cable Type        | Distribution |
| Construction Type | Non-armored  |

## Construction Materials

|                      |                                             |
|----------------------|---------------------------------------------|
| Fiber Type Solution  | LazrSPEED® 550, 50 µm multimode fiber (OM4) |
| Total Fiber Count    | 24                                          |
| Fiber Type           | LazrSPEED® 550, 50 µm multimode fiber (OM4) |
| Fiber Type, quantity | 24                                          |
| Jacket Color         | Black                                       |
| Jacket UV Resistance | UV stabilized                               |

## Dimensions

|                      |                          |
|----------------------|--------------------------|
| Cable Weight         | 42.0 lb/kft   62.0 kg/km |
| Diameter Over Jacket | 7.90 mm   0.31 in        |

## Physical Specifications

|                                   |                     |
|-----------------------------------|---------------------|
| Minimum Bend Radius, loaded       | 11.9 cm   4.7 in    |
| Minimum Bend Radius, unloaded     | 7.9 cm   3.1 in     |
| Tensile Load, long term, maximum  | 90 lbf   400 N      |
| Tensile Load, short term, maximum | 300 lbf   1335 N    |
| Vertical Rise, maximum            | 500.0 m   1640.4 ft |

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## Flame Test Specifications

|                    |                           |
|--------------------|---------------------------|
| Flame Test Listing | NEC OFNP (ETL) and c(ETL) |
| Flame Test Method  | NFPA 262                  |

## Environmental Specifications

|                          |                                      |
|--------------------------|--------------------------------------|
| Environmental Space      | Plenum                               |
| Installation Temperature | -30 °C to +70 °C (-22 °F to +158 °F) |
| Operating Temperature    | -40 °C to +70 °C (-40 °F to +158 °F) |
| Storage Temperature      | -40 °C to +75 °C (-40 °F to +167 °F) |

## Mechanical Test Specifications

|                               |                                       |
|-------------------------------|---------------------------------------|
| Compression                   | 126 lb/in   22 N/mm                   |
| Compression Test Method       | FOTP-41   IEC 60794-1 E3              |
| Flex                          | 100 cycles                            |
| Flex Test Method              | FOTP-104   IEC 60794-1 E6             |
| Impact                        | 4.34 ft lb   5.88 N-m                 |
| 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              |
| Water Penetration             | 24 h                                  |
| Water Penetration Test Method | FOTP-82   IEC 60794-1 F5              |

## Environmental Test Specifications

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

## Qualification Specifications

|                               |                                                                              |
|-------------------------------|------------------------------------------------------------------------------|
| Cable Qualification Standards | ANSI/ICEA S-104-696   Telcordia GR-20 (water penetration)   Telcordia GR-409 |
|-------------------------------|------------------------------------------------------------------------------|

## Regulatory Compliance/Certifications

| Agency          | Classification                                                                 |
|-----------------|--------------------------------------------------------------------------------|
| RoHS 2011/65/EU | Compliant                                                                      |
| ISO 9001:2008   | Designed, manufactured and/or distributed under this quality management system |



## Included Products

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CS-5K-TB (Product Component—not orderable) — LazrSPEED® 550 OM4 Bend-Insensitive Multimode Fiber