

Fiber Indoor/Outdoor cable, LazrSPEED® Plenum Distribution, 12 fiber single-unit, Multimode OM5, Gel-free, Feet jacket marking, Black jacket color

### Product Classification

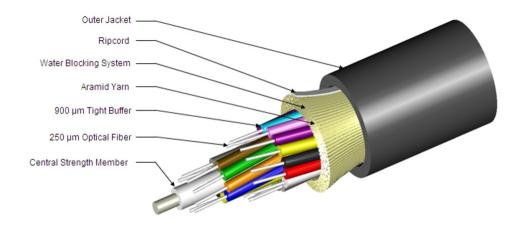
| Regional Availability  | Asia   Australia/New Zealand   Latin America   Middle East/Africa   North<br>America |
|------------------------|--|
| Portfolio              | CommScope®   |
| Product Type           | Fiber indoor/outdoor cable   |
| Product Series         | P-OD   |
| General Specifications |  |
| Cable Type             | Distribution   |
| Construction Type      | Non-armored  |
| Jacket Color           | Black  |
| Jacket Marking         | Feet   |
| Total Fiber Count      | 12   |
| Dimensions             |  |
| Diameter Over Jacket   | 6.9 mm   0.272 in  |

## Representative Image

Page 1 of 4

©2024 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: June 6, 2024





### Mechanical Specifications

| Minimum Bend Radius, loaded       | 104 mm   4.094 in                     |
|-----------------------------------|---------------------------------------|
| Minimum Bend Radius, unloaded     | 69 mm   2.717 in                      |
| Tensile Load, long term, maximum  | 400 N   89.924 lbf                    |
| Tensile Load, short term, maximum | 1335 N   300.12 lbf                   |
| Compression                       | 22 N/mm   125.623 lb/in               |
| Compression Test Method           | FOTP-41   IEC 60794-1 E3              |
| Flex                              | 100 cycles                            |
| Flex Test Method                  | FOTP-104   IEC 60794-1 E6             |
| Impact                            | 5.88 N-m   52.042 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            | 500 m   1,640.42 ft                   |
|                                   |                                       |

#### **Optical Specifications**

**Fiber Type** 

OM5, LazrSPEED® wideband | OM5, LazrSPEED® wideband

#### **Environmental Specifications**

Installation temperature

-30 °C to +70 °C (-22 °F to +158 °F)

Page 2 of 4

©2024 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: June 6, 2024



| Operating Temperature         | -25 °C to +70 °C (-13 °F to +158 °F)   |
|-------------------------------|--|
| Storage Temperature           | -40 °C to +75 °C (-40 °F to +167 °F)   |
| Cable Qualification Standards | ANSI/ICEA S-104-696   Telcordia GR-20 (water penetration)   Telcordia GR-409 |
| Environmental Space           | Plenum   |
| Flame Test Listing            | NEC OFNP (ETL) and c(ETL)  |
| Flame Test Method             | NFPA 130   NFPA 262  |
| Jacket UV Resistance          | UV stabilized  |
| 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              |
|                               |                                      |

### Packaging and Weights

**Cable weight** 

54 kg/km | 36.286 lb/kft

### Regulatory Compliance/Certifications

| Agency        | Classification   |
|---------------|--|
| 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 www.commscope.com/ProductCompliance          |
| ROHS          | Compliant  |
| UK-ROHS       | Compliant  |
|               |  |



### Included Products

CS-5G-TB

 LazrSPEED® OM5 WideBand Multimode Fiber

Page 3 of 4

©2024 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: June 6, 2024



### \* Footnotes

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

Page 4 of 4

©2024 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: June 6, 2024

