



Fiber indoor/outdoor cable LazrSPEED® Indoor/Outdoor Plenum Distribution, 6 fiber single-unit, Multimode OM3, Gel-free, Feet jacket marking, Black jacket color

Product Classification

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

General Specifications

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|--------------------------|--------------|
| Cable Type | Distribution |
| Construction Type | Non-armored |
| Jacket Color | Black |
| Jacket Marking | Feet |
| Total Fiber Count | 6 |

Dimensions

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|-----------------------------|-------------------|
| Diameter Over Jacket | 5.4 mm 0.213 in |
|-----------------------------|-------------------|

Representative Image



Mechanical Specifications

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| Minimum Bend Radius, loaded | 81 mm 3.189 in |
| Minimum Bend Radius, unloaded | 54 mm 2.126 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

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|-------------------|---|
| Fiber Type | OM3, LazrSPEED® 300 OM3, LazrSPEED® 300 |
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Environmental Specifications

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|---------------------------------|--------------------------------------|
| Installation temperature | -30 °C to +70 °C (-22 °F to +158 °F) |
|---------------------------------|--------------------------------------|

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|--------------------------------------|--|
| 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

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|--------------------------------------|--------------------------------------|
| 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

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|---------------------|--------------------------|
| Cable weight | 28 kg/km 18.815 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

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| CS-5L-TB | – LazrSPEED® 300 OM3 Bend-Insensitive Multimode Fiber |
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* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable