



Fiber indoor/outdoor cable, LSZH Riser Distribution, 12 fiber single-unit, Singlemode G.652.D, Meters jacket marking, Blue jacket color

Product Classification

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|------------------------------|------------------------------|
| Regional Availability | Asia Australia/New Zealand |
| Portfolio | CommScope® |
| Product Type | Fiber indoor/outdoor cable |
| Product Series | C-DS |

General Specifications

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| Cable Type | Tight buffer |
| Jacket Color | Blue |
| Jacket Marking | Meters |
| Strength Members | E-glass yarns |
| Total Fiber Count | 12 |

Dimensions

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| Diameter Over Jacket | 6.2 mm 0.244 in |
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Material Specifications

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| Jacket Material | Low Smoke Zero Halogen (LSZH) |
| Inner Jacket Material | Low Smoke Zero Halogen (LSZH) |

Mechanical Specifications

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| Minimum Bend Radius, loaded | 124 mm 4.882 in |
| Minimum Bend Radius, unloaded | 62 mm 2.441 in |
| Tensile Load, short term, maximum | 600 N 134.885 lbf |
| Compression | 5 N/mm 28.551 lb/in |
| Compression Test Method | IEC 60794-1-21 E3 |
| Impact | 1 N-m 8.851 in lb |
| Impact Test Method | IEC 60794-1-21 E4 |
| Strain Test Method | IEC 60794-1-21 E1 |

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|--------------------------|-------------------|
| Twist | 10 cycles |
| Twist Test Method | IEC 60794-1-21 E7 |

Optical Specifications

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| Fiber Type | G.652.D OS2 |
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Optical Specifications, Wavelength Specific

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| Attenuation, maximum | 0.3 dB/km @ 1,550 nm 0.40 dB/km @ 1,310 nm |
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Environmental Specifications

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| Installation temperature | 0 °C to +50 °C (+32 °F to +122 °F) |
| Operating Temperature | -10 °C to +70 °C (+14 °F to +158 °F) |
| Storage Temperature | -10 °C to +60 °C (+14 °F to +140 °F) |
| Environmental Space | Low Smoke Zero Halogen (LSZH) |
| Flame Test Method | IEC 60332-3-24 |
| Water Penetration | 24 h |
| Water Penetration Test Method | IEC 60794-1 F5C |

Environmental Test Specifications

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| Temperature Cycle Test Method | IEC 60794-1-22 F1 |
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Packaging and Weights

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| Cable weight | 33 kg/km 22.175 lb/kft |
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* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable