



Outside Plant Fiber Optic Cable, HDPE, 8-fiber, Multimode, OM3, loose tube, gel-filled, 1000 m

Product Classification

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|------------------------------|------------------------------|
| Regional Availability | Australia/New Zealand EMEA |
| Portfolio | CommScope® |
| Product Type | Fiber OSP cable |
| Product Series | O-CA |

General Specifications

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|-------------------------------------|---|
| Armor Type | Corrugated steel |
| Cable Type | Loose tube |
| Subunit Type | Gel-filled |
| Jacket Color | Black |
| Jacket Marking | Meters |
| Jacket Marking Method | Inkjet |
| Jacket Marking Text | COMMScope GB SYSTEM F.O. CABLE X-599692-3 CSA GEL LOOSE TUBE 8X50/125 OM3 HDPE (Serial NUMBER) (METRE MARK) |
| Fibers per Subunit, quantity | 8 |
| Total Fiber Count | 8 |

Dimensions

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|-----------------------------|----------------------|
| Cable Length | 1000 m 3,280.84 ft |
| Diameter Over Jacket | 10 mm 0.394 in |

Material Specifications

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|------------------------|----------------------------------|
| Jacket Material | High density polyethylene (HDPE) |
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Mechanical Specifications

1-599692-3 | 0-008-CA-5L-M08BK/28G/HD/1K

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|---|----------------------|
| Minimum Bend Radius, loaded | 200.7 mm 7.902 in |
| Minimum Bend Radius, unloaded | 160 mm 6.299 in |
| Tensile Load, long term, maximum | 1250 N 281.011 lbf |
| Flex | 25 cycles |

Optical Specifications

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|-------------------|-----|
| Fiber Type | OM3 |
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Optical Specifications, Wavelength Specific

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|-----------------------------|---|
| Attenuation, maximum | 0.70 dB/km @ 1,300 nm 3.50 dB/km @ 850 nm |
| Standards Compliance | TIA-492AAAC (OM3) |

Environmental Specifications

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|---------------------------------|-------------------------------------|
| Installation temperature | -5 °C to +50 °C (+23 °F to +122 °F) |
| Operating Temperature | -20 °C to +70 °C (-4 °F to +158 °F) |
| Storage Temperature | -20 °C to +70 °C (-4 °F to +158 °F) |

Packaging and Weights

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|---------------------|---------------------------|
| Cable weight | 104 kg/km 69.885 lb/kft |
|---------------------|---------------------------|

Regulatory Compliance/Certifications

| Agency | Classification |
|---------------|--|
| CHINA-ROHS | Below maximum concentration value |
| 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