



Indoor/outdoor Fiber Optic Cable, 4-fiber, office distribution, multimode, OM3, ULSZH, aqua. Provides Rodent Resistance.

- designed to offer flexibility, strength and compact construction for internal and interbuilding use
- non-metallic construction reinforced by E-glass yarns, which provide rodent resistance and higher tensile strength
- oversheathed with a ULSZH jacket meeting IEC fire performance requirements

Product Classification

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

General Specifications

| | |
|------------------------------|--|
| Cable Type | Tight buffer |
| Jacket Color | Aqua |
| Jacket Marking | Meters |
| Jacket Marking Method | Inkjet |
| Jacket Marking Text | COMMScope GB OPTICAL CABLE 8-1592139-9 4x50/125 OM3 EN50575 CLASS C BIMMF ULSZH [Serial NUMBER] [METRE MARK] |
| Strength Members | E-glass yarns |
| Fibers per Subunit, quantity | 4 |
| Total Fiber Count | 4 |

Dimensions

| | |
|----------------------|--------------------|
| Diameter Over Jacket | 5.05 mm 0.199 in |
|----------------------|--------------------|

Mechanical Specifications

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|-----------------------------------|-------------------------|
| Minimum Bend Radius, loaded | 150 mm 5.906 in |
| Minimum Bend Radius, unloaded | 90 mm 3.543 in |
| Tensile Load, short term, maximum | 1500 N 337.214 lbf |
| Cable Crush Resistance, maximum | 20 N/mm 114.203 lb/in |

Optical Specifications

8-1592139-9 | C-004-DS-5L-MSUAQ/GY/C

Fiber Type OM3

Optical Specifications, Wavelength Specific

Standards Compliance IEC 60794-1 | 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 +60 °C (-4 °F to +140 °F) |
| Storage Temperature | -20 °C to +60 °C (-4 °F to +140 °F) |
| EN50575 CPR Cable EuroClass Fire Performance | Cca |
| EN50575 CPR Cable EuroClass Smoke Rating | s2 |
| EN50575 CPR Cable EuroClass Droplets Rating | d1 |
| EN50575 CPR Cable EuroClass Acidity Rating | a1 |
| Environmental Space | Universal Low Smoke Zero Halogen (ULSZH) |

Packaging and Weights

Cable weight 46 kg/km | 30.911 lb/kft

Regulatory Compliance/Certifications

| Agency | Classification |
|------------|--|
| CENELEC | EN 50575 compliant, Declaration of Performance (DoP) available |
| 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