

2-599145-2

Indoor Fiber Optic Cable, 6-fiber, OM4, multimode, tight buffer, aqua

OBSOLETE

This product was discontinued on: June 13, 2018

Product Classification

| | |
|------------------------------|-------------------------------------|
| Regional Availability | Asia Australia/New Zealand 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 |
| Fibers per Subunit, quantity | 6 |
| Total Fiber Count | 6 |

Dimensions

| | |
|-----------------------------|----------------------|
| Cable Length | 2000 m 6,561.68 ft |
| Diameter Over Jacket | 6 mm 0.236 in |

Mechanical Specifications

| | |
|--|---------------------|
| Minimum Bend Radius, loaded | 90 mm 3.543 in |
| Minimum Bend Radius, unloaded | 60 mm 2.362 in |
| Tensile Load, long term, maximum | 600 N 134.885 lbf |
| Tensile Load, short term, maximum | 996 N 223.91 lbf |

Optical Specifications

| | |
|-------------------|-----------------|
| Fiber Type | OM4, LazrSPEED® |
|-------------------|-----------------|

Optical Specifications, Wavelength Specific

| | |
|-----------------------------|---|
| Attenuation, maximum | 0.70 dB/km @ 1,300 nm 3.50 dB/km @ 850 nm |
|-----------------------------|---|

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Standards Compliance

IEC 60794-1 | TIA-492AAAD (OM4)

Environmental Specifications

| | |
|---|---|
| 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) |
| EN50575 CPR Cable EuroClass Fire Performance | Dca |
| 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) |
| Flame Test Method | IEC 60332-1 IEC 60332-3 IEC 60754-1 IEC 61034-2 |

Packaging and Weights

| | |
|---------------------|--------------------------|
| Cable weight | 33 kg/km 22.175 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 |



* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable