

3-599146-3

Fiber Optic Cable, 8-fiber, OM3, 3000 m, 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 |

General Specifications

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|-------------------------------------|--------------|
| Cable Type | Tight buffer |
| Fibers per Subunit, quantity | 8 |
| Jacket Color | Aqua |
| Total Fiber Count | 8 |

Dimensions

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|-----------------------------|----------------------|
| Cable Length | 3000 m 9,842.52 ft |
| Diameter Over Jacket | 6 mm 0.236 in |

Mechanical Specifications

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|--|----------------------|
| 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 | 1000 N 224.809 lbf |

Optical Specifications

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|-------------------|-----|
| Fiber Type | OM3 |
|-------------------|-----|

Optical Specifications, Wavelength Specific

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|-----------------------------|---------------------------------|
| Attenuation, maximum | 1.50 dB/km @ 1,300 nm |
| Standards Compliance | IEC 60794-1 TIA-492AAAC (OM3) |

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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) |
| 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) |

Packaging and Weights

| | |
|---------------------|--------------------------|
| Cable weight | 35 kg/km 23.519 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 |



* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable