

# 2-599146-3

Fiber Optic Cable, 8-fiber, OM3, 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 | 8            |
| Total Fiber Count            | 8            |

## 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 | 1000 N   224.809 lbf |

## Optical Specifications

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

## Optical Specifications, Wavelength Specific

|                      |                       |
|----------------------|-----------------------|
| Attenuation, maximum | 1.50 dB/km @ 1,300 nm |
|----------------------|-----------------------|

Standards Compliance

IEC 60794-1 | TIA-492AAAC (OM3)

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) |

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 <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a> |
| ROHS       | Compliant  |
| UK-ROHS    | Compliant  |



\* Footnotes

**Operating Temperature** Specification applicable to non-terminated bulk fiber cable