

Fiber Optic Cable, 8-fiber, 1 x 8, OM3, ULSZH, aqua. Provides Rodent Resistance.

## Product Classification

|                              |                                     |
|------------------------------|-------------------------------------|
| <b>Regional Availability</b> | Asia   Australia/New Zealand   EMEA |
| <b>Portfolio</b>             | CommScope®                          |
| <b>Product Type</b>          | Fiber indoor/outdoor cable          |
| <b>Product Series</b>        | C-CN                                |

## General Specifications

|                                     |  |
|-------------------------------------|--|
| <b>Cable Type</b>                   | Loose tube   |
| <b>Subunit Type</b>                 | Gel-filled   |
| <b>Filler, quantity</b>             | 1  |
| <b>Jacket Color</b>                 | Aqua   |
| <b>Jacket Marking</b>               | Meters   |
| <b>Jacket Marking Method</b>        | Inkjet   |
| <b>Jacket Marking Text</b>          | COMMSCOPE GB SYSTEM F.O. CABLE X-599624-3 INT/EXT RODENT RESISTANT GLT 8X50/125 OM3 (Serial NUMBER) (METRE MARK) |
| <b>Fibers per Subunit, quantity</b> | 8  |
| <b>Total Fiber Count</b>            | 8  |

## Dimensions

|                             |                       |
|-----------------------------|-----------------------|
| <b>Cable Length</b>         | 4000 m   13,123.36 ft |
| <b>Diameter Over Jacket</b> | 6.4 mm   0.252 in     |

## Mechanical Specifications

|  |                      |
|--|----------------------|
| <b>Minimum Bend Radius, loaded</b>       | 129.5 mm   5.098 in  |
| <b>Minimum Bend Radius, unloaded</b>     | 80 mm   3.15 in      |
| <b>Tensile Load, long term, maximum</b>  | 650 N   146.126 lbf  |
| <b>Tensile Load, short term, maximum</b> | 1250 N   281.011 lbf |

## Optical Specifications

|                   |     |
|-------------------|-----|
| <b>Fiber Type</b> | OM3 |
|-------------------|-----|

## Optical Specifications, Wavelength Specific

# 4-599624-3 | C-008-CN-5L-M08AQ/28G/GY/E

|                             |   |
|-----------------------------|---|
| <b>Attenuation, maximum</b> | 1.00 dB/km @ 1,300 nm   3.50 dB/km @ 850 nm |
| <b>Standards Compliance</b> | IEC 60794-1   TIA-492AAAC (OM3)             |

## Environmental Specifications

|   |  |
|---|--|
| <b>Installation temperature</b>                     | -5 °C to +50 °C (+23 °F to +122 °F)      |
| <b>Operating Temperature</b>                        | -20 °C to +70 °C (-4 °F to +158 °F)      |
| <b>Storage Temperature</b>                          | -20 °C to +70 °C (-4 °F to +158 °F)      |
| <b>EN50575 CPR Cable EuroClass Fire Performance</b> | Eca                                      |
| <b>Environmental Space</b>                          | Universal Low Smoke Zero Halogen (ULSZH) |

## Packaging and Weights

|                     |                          |
|---------------------|--------------------------|
| <b>Cable weight</b> | 48 kg/km   32.255 lb/kft |
|---------------------|--------------------------|

## Regulatory Compliance/Certifications

| <b>Agency</b> | <b>Classification</b>  |
|---------------|--|
| 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