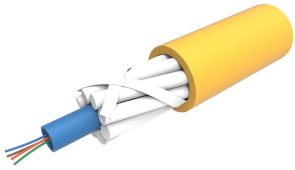


# 2-599170-4 | C-008-CA-8W-M08YL/28G/GRP/D



Outdoor Fiber Optic Cable, 8-fiber, OS2, ULSZH, loose tube, gel-filled. Provides Rodent Resistance.

## OBSOLETE

This product was discontinued on: March 31, 2023

## Product Classification

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

## General Specifications

|                                     |                   |
|-------------------------------------|-------------------|
| <b>Armor Type</b>                   | Non-metallic rods |
| <b>Cable Type</b>                   | Loose tube        |
| <b>Subunit Type</b>                 | Gel-filled        |
| <b>Filler, quantity</b>             | 1                 |
| <b>Jacket Color</b>                 | Yellow            |
| <b>Jacket Marking</b>               | Meters            |
| <b>Fibers per Subunit, quantity</b> | 8                 |
| <b>Total Fiber Count</b>            | 8                 |

## Dimensions

|                             |                      |
|-----------------------------|----------------------|
| <b>Cable Length</b>         | 2000 m   6,561.68 ft |
| <b>Diameter Over Jacket</b> | 9 mm   0.354 in      |

## Mechanical Specifications

|   |                     |
|---|---------------------|
| <b>Minimum Bend Radius, loaded</b>      | 228.6 mm   9 in     |
| <b>Minimum Bend Radius, unloaded</b>    | 175.3 mm   6.902 in |
| <b>Tensile Load, long term, maximum</b> | 750 N   168.607 lbf |

# 2-599170-4 | C-008-CA-8W-M08YL/28G/GRP/D

**Tensile Load, short term, maximum** 2002 N | 450.068 lbf

## Optical Specifications

**Fiber Type** OS2

## Optical Specifications, Wavelength Specific

**Attenuation, maximum** 0.35 dB/km @ 1,300 nm | 0.35 dB/km @ 1,550 nm | 0.45 dB/km @ 1,310 nm

**Standards Compliance** IEC 60794-1 | TIA-492CAAB (OS2)

## 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)

**Environmental Space** Universal Low Smoke Zero Halogen (ULSZH)

## Packaging and Weights

**Cable weight** 94 kg/km | 63.165 lb/kft

## Regulatory Compliance/Certifications

| Agency     | Classification   |
|------------|--|
| 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  |



## Included Products

CS-8W-250-EMEA - LightScope ZWP® Singlemode Fiber  
250um

## \* Footnotes

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