# 810009855/DB | C-012-CN-8W-M12YL/28D/AY/D



Fiber Indoor/Outdoor Cable, LightScope® ZWP, 12-fiber, Singlemode G. 652.D and G.657.A1, dry loose tube, gel-free, yellow jacket color, Dca Flame Rating, Meters jacket marking

#### OBSOLETE

This product was discontinued on: March 31, 2023

#### Product Classification

| Regional Availability        | Asia   Australia/New Zealand   EMEA |
|------------------------------|-------------------------------------|
| Portfolio                    | CommScope®                          |
| Product Type                 | Fiber indoor/outdoor cable          |
| Product Series               | C-CN                                |
| General Specifications       |                                     |
| Cable Type                   | Loose tube                          |
| Subunit Type                 | Gel-free                            |
| Jacket Color                 | Yellow                              |
| Jacket Marking               | Meters                              |
| Fibers per Subunit, quantity | 12                                  |
| Total Fiber Count            | 12                                  |
| Dimensions                   |                                     |
| Cable Length                 | 2000 m   6,561.68 ft                |
| Diameter Over Jacket         | 6.4 mm   0.252 in                   |

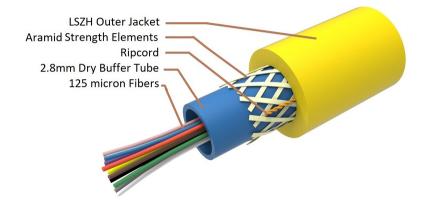
## Representative Image

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## Mechanical Specifications

| Minimum Bend Radius, Ioaded       | 139.7 mm   5.5 in   |
|-----------------------------------|---------------------|
| Minimum Bend Radius, unloaded     | 129.5 mm   5.098 in |
| Tensile Load, long term, maximum  | 400 N   89.924 lbf  |
| Tensile Load, short term, maximum | 500 N   112.405 lbf |

### **Optical Specifications**

Fiber Type

0S2

### Optical Specifications, Wavelength Specific

| Attenuation, maximum | 0.25 dB/km @ 1,300 nm   0.35 dB/km @ 1,550 nm   0.45 dB/km @<br>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                        | -10 °C to +60 °C (+14 °F to +140 °F) |
| Storage Temperature                          | -10 °C to +60 °C (+14 °F to +140 °F) |
| EN50575 CPR Cable EuroClass Fire Performance | Dca                                  |
| EN50575 CPR Cable EuroClass Smoke Rating     | s2                                   |

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| EN50575 CPR Cable EuroClass Droplets Rating | d2                                       |
|---|--|
| EN50575 CPR Cable EuroClass Acidity Rating  | al                                       |
| Environmental Space                         | Universal Low Smoke Zero Halogen (ULSZH) |
| Packaging and Weights                       |  |
| Cable weight                                | 31 kg/km   20.831 lb/kft                 |
|   |  |

#### Included Products

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

### \* Footnotes

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

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