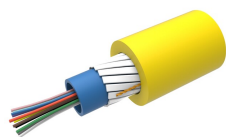


# 810009851/DB | C-006-CN-8W-M06YL/28D/GY /D



Fiber indoor/outdoor cable, LightScope® ZWP, dry loose tube, 6 fiber, Singlemode G.652.D and G.657.A1, Gel-free, Yellow jacket color, Dca flame rating. Provides Rodent Resistance

**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 | 6          |
| Total Fiber Count            | 6          |

## Dimensions

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

## Mechanical Specifications

|                                   |                      |
|-----------------------------------|----------------------|
| Minimum Bend Radius, loaded       | 139.7 mm   5.5 in    |
| Minimum Bend Radius, unloaded     | 129.5 mm   5.098 in  |
| Tensile Load, long term, maximum  | 650 N   146.126 lbf  |
| Tensile Load, short term, maximum | 1250 N   281.011 lbf |

## Optical Specifications

# 810009851/DB | C-006-CN-8W-M06YL/28D/GY /D

|   |   |
|---|---|
| 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                        | -10 °C to +70 °C (+14 °F to +158 °F)     |
| Storage Temperature                          | -10 °C to +70 °C (+14 °F to +158 °F)     |
| EN50575 CPR Cable EuroClass Fire Performance | Dca                                      |
| EN50575 CPR Cable EuroClass Smoke Rating     | s2                                       |
| EN50575 CPR Cable EuroClass Droplets Rating  | d2                                       |
| EN50575 CPR Cable EuroClass Acidity Rating   | a1                                       |
| Environmental Space                          | Universal Low Smoke Zero Halogen (ULSZH) |

## Packaging and Weights

|              |                          |
|--------------|--------------------------|
| Cable weight | 47 kg/km   31.583 lb/kft |
|--------------|--------------------------|

## Included Products

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

## \* Footnotes

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