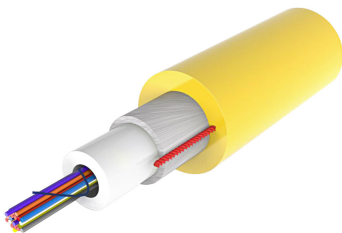


2-1716001-4 | C-024-CN-8W-M24YL/40G/GY/D



Fiber Indoor/Outdoor Cable, 24-fiber, singlemode G.652.D and G.657.A1, Gel-filled, yellow jacket color, Dca Flame Rating, Meters jacket marking, 2000 meters

- non-metallic construction reinforced by E-glass yarns, which provide rodent resistance and higher tensile strength

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 |

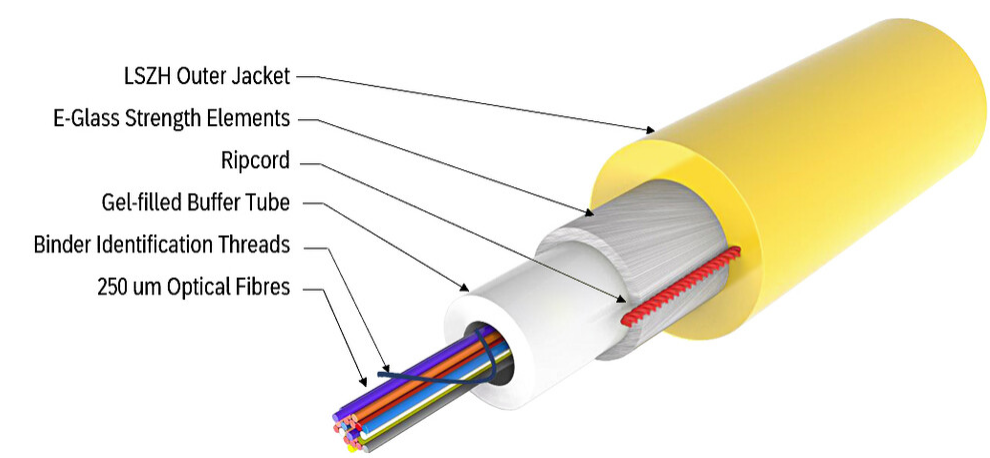
General Specifications

| | |
|------------------------------|-------------|
| Cable Type | Loose tube |
| Construction Type | Non-armored |
| Subunit Type | Gel-filled |
| Jacket Color | Yellow |
| Jacket Marking | Meters |
| Fibers per Subunit, quantity | 1 |
| Total Fiber Count | 24 |

Dimensions

| | |
|------------------------------|----------------------|
| Cable Length | 2000 m 6,561.68 ft |
| Buffer Tube/Subunit Diameter | 4 mm 0.157 in |
| Diameter Over Jacket | 8 mm 0.315 in |

Representative Image



Material Specifications

Jacket Material

UV resistant

Mechanical Specifications

Minimum Bend Radius, loaded

160 mm | 6.299 in

Minimum Bend Radius, unloaded

110 mm | 4.331 in

Tensile Load, long term, maximum

650 N | 146.126 lbf

Tensile Load, short term, maximum

1300 N | 292.252 lbf

Compression

30 N/mm | 171.304 lb/in

Compression Test Method

IEC 60794-1-2 E3

Impact

20 N-m | 177.015 in lb

Impact Test Method

IEC 60794-1 E4

Optical Specifications

Fiber Type

OS2

Optical Specifications, Wavelength Specific

Standards Compliance

IEC 60794-1 | TIA-492CAAB (OS2)

Environmental Specifications

Installation temperature

-5 °C to +50 °C (+23 °F to +122 °F)

Operating Temperature

-30 °C to +70 °C (-22 °F to +158 °F)

Storage Temperature

-30 °C to +70 °C (-22 °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) |
| Water Penetration | 24 h |
| Water Penetration Test Method | IEC 60794-1 F5 |

Environmental Test Specifications

| | |
|-------------------------------|--------------------------------------|
| Temperature Cycle | -30 °C to +70 °C (-22 °F to +158 °F) |
| Temperature Cycle Test Method | IEC 60794-1-2 F1 |

Packaging and Weights

| | |
|--------------|--------------------------|
| Cable weight | 74 kg/km 49.726 lb/kft |
|--------------|--------------------------|

Regulatory Compliance/Certifications

| Agency | Classification |
|------------|---|
| CHINA-ROHS | Below maximum concentration value |
| REACH-SVHC | Compliant as per SVHC revision on www.commscope.com/ProductCompliance |
| ROHS | Compliant |
| UK-ROHS | Compliant |



Included Products

| | |
|----------|--|
| CS-8W-LT | – TeraSPEED® G652D/G657A1 Singlemode Fiber |
|----------|--|

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable