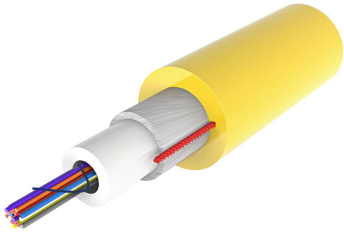


# 2-1716001-4 | C-024-CN-8W-M24YL/40G/GY/D



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

## 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

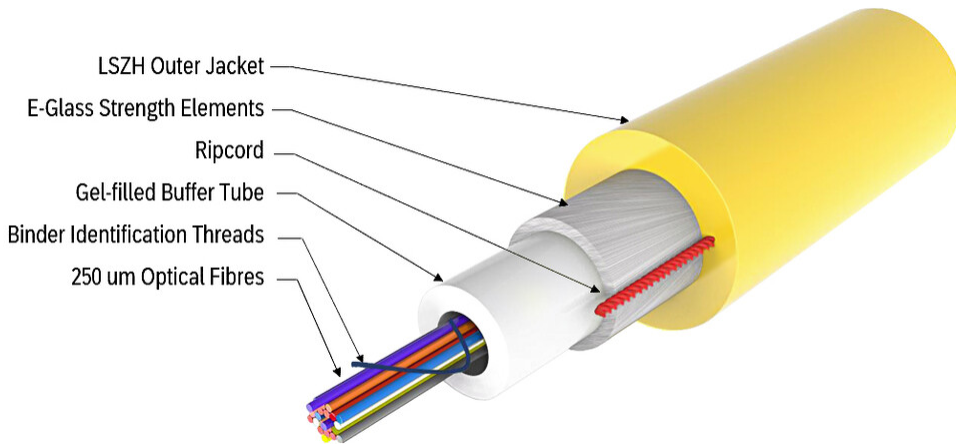
## General Specifications

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

## Dimensions

<b>Cable Length</b>	2000 m   6,561.68 ft
<b>Buffer Tube/Subunit Diameter</b>	4 mm   0.157 in
<b>Diameter Over Jacket</b>	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)

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

<b>EN50575 CPR Cable EuroClass Fire Performance</b>	Dca
<b>EN50575 CPR Cable EuroClass Smoke Rating</b>	s2
<b>EN50575 CPR Cable EuroClass Droplets Rating</b>	d2
<b>EN50575 CPR Cable EuroClass Acidity Rating</b>	a1
<b>Environmental Space</b>	Universal Low Smoke Zero Halogen (ULSZH)
<b>Water Penetration</b>	24 h
<b>Water Penetration Test Method</b>	IEC 60794-1 F5

## Environmental Test Specifications

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

## Packaging and Weights

<b>Cable weight</b>	74 kg/km   49.726 lb/kft
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## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
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  
8W-250um

## \* Footnotes

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