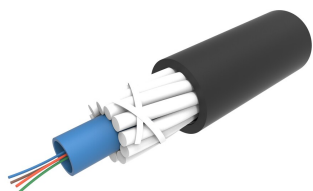


# 1594812-5 | C-024-CA-8W-M24BK/40G/GRP/E



Fiber Optic Cable, Indoor/outdoor, 24-fiber, OS2, ULSZH, loose tube, gel-filled. Provides Rodent Resistance.

## 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

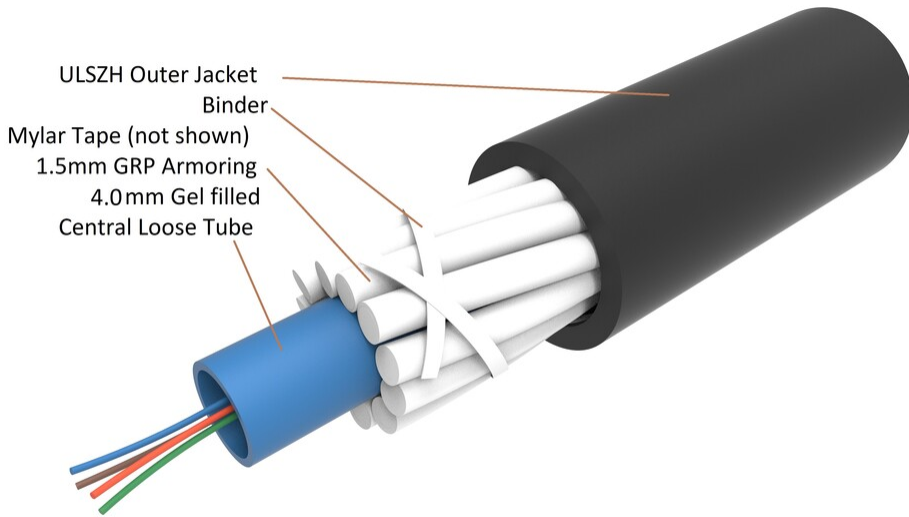
## General Specifications

<b>Armor Type</b>	Non-metallic rods
<b>Cable Type</b>	Loose tube
<b>Construction Type</b>	Armored
<b>Subunit Type</b>	Gel-filled
<b>Jacket Color</b>	Black
<b>Jacket Marking</b>	Meters
<b>Jacket Marking Method</b>	Inkjet
<b>Jacket Marking Text</b>	COMMScope GB OPTICAL CABLE 1594812-5 24 x 9/125 OS2 ULSZH EN50575 CLASS E [Serial NUMBER] [METRE MARK]
<b>Subunit, quantity</b>	1
<b>Fibers per Subunit, quantity</b>	24
<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>	11 mm   0.433 in

## Representative Image



## Mechanical Specifications

<b>Minimum Bend Radius, loaded</b>	320 mm   12.598 in
<b>Minimum Bend Radius, unloaded</b>	240 mm   9.449 in
<b>Tensile Load, long term, maximum</b>	750 N   168.607 lbf
<b>Tensile Load, short term, maximum</b>	3000 N   674.427 lbf
<b>Cable Crush Resistance, maximum</b>	30 N/mm   171.304 lb/in
<b>Compression Test Method</b>	IEC 60794-1-2 E3
<b>Impact</b>	5 N-m   44.254 in lb
<b>Impact Test Method</b>	IEC 60794-1 E4
<b>Twist</b>	5 cycles
<b>Twist Test Method</b>	IEC 60794-1 E7

## Optical Specifications

<b>Fiber Type</b>	G.652.D and G.657.A1, TeraSPEED®   OS2
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## Environmental Specifications

<b>Installation temperature</b>	-20 °C to +70 °C (-4 °F to +158 °F)
<b>Operating Temperature</b>	-20 °C to +70 °C (-4 °F to +158 °F)
<b>Storage Temperature</b>	-20 °C to +70 °C (-4 °F to +158 °F)

# 1594812-5 | C-024-CA-8W-M24BK/40G/GRP/E

**EN50575 CPR Cable EuroClass Fire Performance**

Eca

**Environmental Space**

Universal Low Smoke Zero Halogen (ULSZH)

## Environmental Test Specifications

**Temperature Cycle**

-20 °C to +70 °C (-4 °F to +158 °F)

**Temperature Cycle Test Method**

IEC 60794-1-2 F1

## Packaging and Weights

**Cable weight**

142 kg/km | 95.42 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](http://www.commscope.com/ProductCompliance)

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