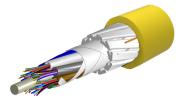
# 2-599605-4 | C-048-LN-8W-M12YL/28D/AY/D



Fiber Optic Cable, 48-fiber, OS2, yellow

#### 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-LN
General Specifications	
Cable Type	Loose tube
Subunit Type	Gel-free
Filler, quantity	4
Jacket Color	Yellow
Jacket Marking	Meters
Fibers per Subunit, quantity	12
Total Fiber Count	48
Dimensions	
Cable Length	2000 m   6,561.68 ft
Diameter Over Jacket	11.5 mm   0.453 in
Mechanical Specifications	
Minimum Bend Radius, loaded	228.6 mm   9 in
Minimum Bend Radius, unloaded	170.2 mm   6.701 in
Tensile Load, long term, maximum	600 N   134.885 lbf
Tensile Load, short term, maximum	996 N   223.91 lbf

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**COMMSCOPE**°

# 2-599605-4 | C-048-LN-8W-M12YL/28D/AY/D

### **Optical Specifications**

Fiber TypeG.652.D and G.657.A1, TeraSPEED® | OS2

#### Optical Specifications, Wavelength Specific

Attenuation, maximum	0.22 dB/km @ 1,550 nm   0.3
	1 310 nm

**Standards Compliance** 

0.22 dB/km @ 1,550 nm | 0.31 dB/km @ 1,385 nm | 0.34 dB/km @ 1,310 nm 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 +60 °C (+14 °F to +140 °F)
EN50575 CPR Cable EuroClass Fire Performance	Eca
Environmental Space	Universal Low Smoke Zero Halogen (ULSZH)

## Packaging and Weights

Cable	weight
-------	--------

105 kg/km | 70.557 lb/kft

## Regulatory Compliance/Certifications

Agency	Classification
CENELEC	EN 50575 compliant, Declaration of Performance (DoP) available
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-250-EMEA – LightScope® ZWP Singlemode Fiber 8W-250um

# \* Footnotes

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

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