



Fiber Optic Cable, 48-fiber, OS2, 2000 m, yellow. Provides Rodent Resistance.

- 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-LN

General Specifications

Cable Type	Loose tube
Subunit Type	Gel-free
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

2-599621-4 | C-048-LN-8W-M12YL/28D/GY/E

Optical Specifications

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 TIA-492CAAB (OS2)

Environmental Specifications

Operating Temperature -10 °C to +70 °C (+14 °F to +158 °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



* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable