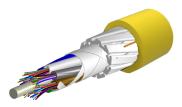
2-599621-4 | C-048-LN-8W-M12YL/28D/GY/E



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 TypeLoose tubeSubunit TypeGel-freeJacket ColorYellowJacket MarkingMetersFibers per Subunit, quantity12Total Fiber Count48

Dimensions

 Cable Length
 2000 m | 6,561.68 ft

 Diameter Over Jacket
 11.5 mm | 0.453 in

Mechanical Specifications

Minimum Bend Radius, loaded228.6 mm | 9 inMinimum Bend Radius, unloaded170.2 mm | 6.701 inTensile Load, long term, maximum600 N | 134.885 lbfTensile Load, short term, maximum996 N | 223.91 lbf



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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 $-10 \,^{\circ}\text{C} \text{ to } +70 \,^{\circ}\text{C} \ (+14 \,^{\circ}\text{F to } +158 \,^{\circ}\text{F})$

EN50575 CPR Cable EuroClass Fire Performance Eca

Environmental SpaceUniversal 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

