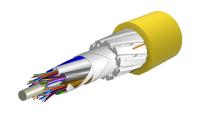
2-599605-4 | C-048-LN-8W-M12YL/28D/AY/D



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 TypeLoose tubeSubunit TypeGel-free

Filler, quantity 4

Jacket ColorYellowJacket MarkingMeters

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

Optical Specifications

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

Optical Specifications, Wavelength Specific

Attenuation, maximum 0.22 dB/km @ 1,550 nm | 0.31 dB/km @ 1,385 nm | 0.34 dB/km @

1,310 nm

Standards Compliance TIA-492CAAB (OS2)

Environmental Specifications

Installation temperature $-5 \,^{\circ}\text{C}$ to $+50 \,^{\circ}\text{C}$ (+23 $^{\circ}\text{F}$ to +122 $^{\circ}\text{F}$)

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

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-IOLT - TeraSPEED® OS2 Singlemode Fiber

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

