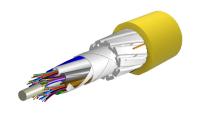
1-599627-4 | C-024-LN-8W-M12YL/28G/E



Fiber Optic Cable, 24-fiber, OS2, 1000 m, yellow

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-filled

Filler, quantity 2

Jacket ColorYellowJacket MarkingMetersJacket Marking MethodInkjet

Jacket Marking Text COMMSCOPE GB SYSTEM F.O. CABLE X-599627-4 RODENT RESIST GLT 24X9/125 OS2

[Serial NUMBER] [METER MARK]

Fibers per Subunit, quantity 12

Total Fiber Count 24

Dimensions

 Cable Length
 1000 m | 3,280.84 ft

 Diameter Over Jacket
 11.5 mm | 0.453 in

Mechanical Specifications

Minimum Bend Radius, loaded231.1 mm | 9.098 inMinimum Bend Radius, unloaded170.2 mm | 6.701 inTensile Load, long term, maximum1201 N | 269.996 lbfTensile Load, short term, maximum2002 N | 450.068 lbf

Optical Specifications

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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 IEC 60794-1 | 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 $-25 \,^{\circ}\text{C} \text{ to } +70 \,^{\circ}\text{C} \, (-13 \,^{\circ}\text{F to } +158 \,^{\circ}\text{F})$

Storage Temperature $-20 \,^{\circ}\text{C to} + 70 \,^{\circ}\text{C} \left(-4 \,^{\circ}\text{F to} + 158 \,^{\circ}\text{F}\right)$

Environmental Space Universal Low Smoke Zero Halogen (ULSZH)

Packaging and Weights

Cable weight 126 kg/km | 84.668 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

ROHS Compliant UK-ROHS Compliant



* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

