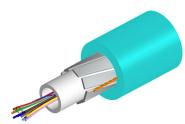
1-599625-3 | C-012-CN-5L-M12AQ/28G/GY/E



Fiber Indoor/Outdoor Cable, 12-fiber, multimode OM3, Gel-filled, aqua jacket color, Eca Flame Rating, Meters jacket marking, 1000 meters

Product Classification

Regional Availability

Asia | Australia/New Zealand | EMEA

Portfolio CommScope®

Product Type Fiber indoor/outdoor cable

Product Series C-CN

General Specifications

Cable TypeLoose tubeSubunit TypeGel-filledJacket ColorAquaJacket MarkingMetersJacket Marking MethodInkjet

Jacket Marking Text COMMSCOPE GB SYSTEM F.O. CABLE X-599625-3 INT/EXT RODENT

RESIST GLT 12X50/125 OM3 (Serial NO) (METRE MARK)

Fibers per Subunit, quantity 12

Total Fiber Count 12

Dimensions

 Cable Length
 1000 m | 3,280.84 ft

 Diameter Over Jacket
 6.4 mm | 0.252 in

Mechanical Specifications

Minimum Bend Radius, loaded129.5 mm | 5.098 inMinimum Bend Radius, unloaded80 mm | 3.15 inTensile Load, long term, maximum450 N | 101.164 lbfTensile Load, short term, maximum1500 N | 337.214 lbf

Optical Specifications

Fiber Type OM3

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1-599625-3 | C-012-CN-5L-M12AQ/28G/GY/E

Optical Specifications, Wavelength Specific

Attenuation, maximum 1.00 dB/km @ 1,300 nm | 3.50 dB/km @ 850 nm

Standards Compliance IEC 60794-1 | TIA-492AAAC (OM3)

Environmental Specifications

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

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

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

EN50575 CPR Cable EuroClass Fire Performance Eca

Environmental Space Universal Low Smoke Zero Halogen (ULSZH)

Packaging and Weights

Cable weight 48 kg/km | 32.255 lb/kft

Regulatory Compliance/Certifications

Agency	Classification
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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

