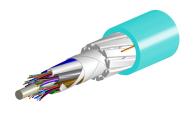
# 1-599609-3 | C-048-LN-5L-M12AQ/28G/AY/D



Fiber Optic Cable, 48-fiber, OM3, loose tube, gel-filled, 1000 m, aqua

#### **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-filledJacket ColorAquaJacket MarkingMetersJacket Marking MethodInkjet

Jacket Marking Text COMMSCOPE GB SYSTEM F.O. CABLE X-599609-3 INT/EXT GEL LOOSE TUBE 48X50/125

OM3 [Serial NUMBER] [METRE MARK]

Fibers per Subunit, quantity 12

Total Fiber Count 48

#### **Dimensions**

 Cable Length
 1000 m | 3,280.84 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

**Optical Specifications** 

**Fiber Type** OM3

COMMSCOPE®

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## Optical Specifications, Wavelength Specific

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

Standards Compliance TIA-492AAAC (OM3)

### **Environmental Specifications**

**Operating Temperature** -25 °C to +70 °C (-13 °F to +158 °F)

**Environmental Space** Universal Low Smoke Zero Halogen (ULSZH)

Packaging and Weights

Cable weight 125 kg/km | 83.996 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

