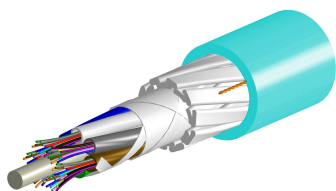


# 2-599159-2 | C-024-LN-5K-M12AQ/28D/AY/D



Fiber Indoor/Outdoor Cable, 24-fiber, multimode OM4, gel-free, 2000 m, aqua jacket color, Eca Flame Rating, Meters jacket marking

**OBSOLETE**

This product was discontinued on: April 22, 2021

## Product Classification

|                       |                                     |
|-----------------------|-------------------------------------|
| Regional Availability | Asia   Australia/New Zealand   EMEA |
| Portfolio             | CommScope®                          |
| Product Type          | Fiber indoor/outdoor cable          |
| Product Series        | C-LN                                |

## General Specifications

|                              |            |
|------------------------------|------------|
| Cable Type                   | Loose tube |
| Subunit Type                 | Gel-free   |
| Filler, quantity             | 2          |
| Jacket Color                 | Aqua       |
| Jacket Marking               | Meters     |
| Fibers per Subunit, quantity | 12         |
| Total Fiber Count            | 24         |

## Dimensions

|                      |                      |
|----------------------|----------------------|
| Cable Length         | 2000 m   6,561.68 ft |
| Diameter Over Jacket | 11.5 mm   0.453 in   |

## Mechanical Specifications

|                                   |                     |
|-----------------------------------|---------------------|
| Minimum Bend Radius, loaded       | 228.6 mm   9 in     |
| Minimum Bend Radius, unloaded     | 170.2 mm   6.701 in |
| Tensile Load, long term, maximum  | 600 N   134.885 lbf |
| Tensile Load, short term, maximum | 996 N   223.91 lbf  |

## Optical Specifications

Fiber TypeOM4, LazrSPEED®

## Optical Specifications, Wavelength Specific

Attenuation, maximum1.00 dB/km @ 1,300 nm | 3.50 dB/km @ 850 nm

Standards ComplianceIEC 60794-1 | TIA-492AAAD (OM4)

## Environmental Specifications

Installation temperature-5 °C to +50 °C (+23 °F to +122 °F)

Operating Temperature-10 °C to +70 °C (+14 °F to +158 °F)

Storage Temperature-10 °C to +60 °C (+14 °F to +140 °F)

EN50575 CPR Cable EuroClass Fire PerformanceEca

Environmental SpaceUniversal Low Smoke Zero Halogen (ULSZH)

## Packaging and Weights

Cable weight105 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 <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a> |
| ROHS       | Compliant  |
| UK-ROHS    | Compliant  |



## \* Footnotes

Operating TemperatureSpecification applicable to non-terminated bulk fiber cable