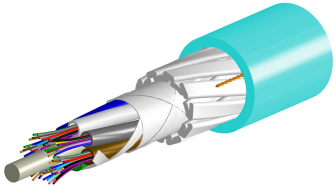# 2-599167-2 | C-024-LN-5K-M12AQ/28G/AY/D

Fiber Indoor/Outdoor Cable, 24-fiber, multimode OM4, gel-filled, aqua jacket color, Meters jacket marking, 2000 meters

## 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-filled |
| **Filler, quantity** | 2 |
| **Jacket Color** | Aqua |
| **Jacket Marking** | Meters |
| **Jacket Marking Method** | Inkjet |
| **Jacket Marking Text** | COMMSCOPE GB SYSTEM F.O. CABLE X-599167-2 INT/EXT GEL LOOSE TUBE 24x50/125 OM4 [Serial NUMBER] [METRE MARK] |
| **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

COMMSCOPE®

# 2-599167-2 | C-024-LN-5K-M12AQ/28G/AY/D

**Fiber Type**                          OM4, LazrSPEED®

## 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-492AAAD (OM4)

## 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

COMMSCOPE®