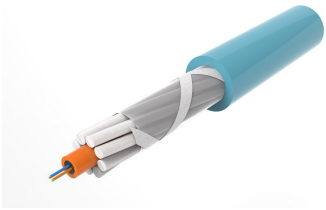


# 2-599172-2 | C-012-CA-5K-M12AQ/28G/GRP/D



Fiber Optic Cable, 12-fiber, OM4, ULSZH, loose tube, gel-filled. Provides Rodent Resistance.

## OBSOLETE

This product was discontinued on: March 31, 2023

## Product Classification

<b>Regional Availability</b>	Asia   Australia/New Zealand   EMEA
<b>Portfolio</b>	CommScope®
<b>Product Type</b>	Fiber indoor/outdoor cable
<b>Product Series</b>	C-CA

## General Specifications

<b>Armor Type</b>	Non-metallic rods
<b>Cable Type</b>	Loose tube
<b>Subunit Type</b>	Gel-filled
<b>Filler, quantity</b>	1
<b>Jacket Color</b>	Aqua
<b>Jacket Marking</b>	Meters
<b>Fibers per Subunit, quantity</b>	12
<b>Total Fiber Count</b>	12

## Dimensions

<b>Cable Length</b>	2000 m   6,561.68 ft
<b>Diameter Over Jacket</b>	9 mm   0.354 in

## Mechanical Specifications

<b>Minimum Bend Radius, loaded</b>	228.6 mm   9 in
<b>Minimum Bend Radius, unloaded</b>	175.3 mm   6.902 in
<b>Tensile Load, long term, maximum</b>	750 N   168.607 lbf

# 2-599172-2 | C-012-CA-5K-M12AQ/28G/GRP/D

**Tensile Load, short term, maximum** 3000 N | 674.427 lbf

**Compression** 30 N/mm | 171.304 lb/in

**Compression Test Method** IEC 60794-1-2 E3

## Optical Specifications

**Fiber Type** OM4, LazrSPEED® | OM4, LazrSPEED® 550

## 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

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

**Operating Temperature** -20 °C to +70 °C (-4 °F to +158 °F)

**Storage Temperature** -20 °C to +70 °C (-4 °F to +158 °F)

**EN50575 CPR Cable EuroClass Fire Performance** Dca

**EN50575 CPR Cable EuroClass Smoke Rating** s2

**EN50575 CPR Cable EuroClass Droplets Rating** d2

**EN50575 CPR Cable EuroClass Acidity Rating** a1

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

## Environmental Test Specifications

**Temperature Cycle** -20 °C to +70 °C (-4 °F to +158 °F)

**Temperature Cycle Test Method** IEC 60794-1-2 F1

## Packaging and Weights

**Cable weight** 94 kg/km | 63.165 lb/kft

## Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on <a href="https://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant
UK-ROHS	Compliant



## Included Products

CS-8W-LT - TeraSPEED® G652D/G657A1 Singlemode  
Fiber

## \* Footnotes

**Operating Temperature** Specification applicable to non-terminated bulk fiber cable