



Fiber Optic Cable, 12-fiber, 1 x 12, OM4, ULSZH, aqua. Provides Rodent Resistance.

## 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-CN

## General Specifications

<b>Cable Type</b>	Loose tube
<b>Subunit Type</b>	Gel-filled
<b>Jacket Color</b>	Aqua
<b>Jacket Marking</b>	Meters
<b>Jacket Marking Method</b>	Inkjet
<b>Jacket Marking Text</b>	COMMSCOPE GB SYSTEM F.O. CABLE X-599625-2 INT/EXT RODENT RESIST GLT 12x50/125 OM4 [Serial NUMBER] [METRE MARK]
<b>Fibers per Subunit, quantity</b>	12
<b>Total Fiber Count</b>	12

## Dimensions

<b>Cable Length</b>	4000 m   13,123.36 ft
<b>Diameter Over Jacket</b>	6.4 mm   0.252 in

## Mechanical Specifications

<b>Minimum Bend Radius, loaded</b>	129.5 mm   5.098 in
<b>Minimum Bend Radius, unloaded</b>	80 mm   3.15 in
<b>Tensile Load, long term, maximum</b>	450 N   101.164 lbf
<b>Tensile Load, short term, maximum</b>	1500 N   337.214 lbf

## Optical Specifications

<b>Fiber Type</b>	OM4, LazrSPEED®
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## Optical Specifications, Wavelength Specific

<b>Attenuation, maximum</b>	1.00 dB/km @ 1,300 nm   3.50 dB/km @ 850 nm
<b>Standards Compliance</b>	IEC 60794-1   TIA-492AAAD (OM4)

## Environmental Specifications

<b>Installation temperature</b>	-5 °C to +50 °C (+23 °F to +122 °F)
<b>Operating Temperature</b>	-20 °C to +70 °C (-4 °F to +158 °F)
<b>Storage Temperature</b>	-20 °C to +70 °C (-4 °F to +158 °F)
<b>EN50575 CPR Cable EuroClass Fire Performance</b>	Eca
<b>Environmental Space</b>	Universal Low Smoke Zero Halogen (ULSZH)

## Packaging and Weights

<b>Cable weight</b>	48 kg/km   32.255 lb/kft
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## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
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 Temperature** Specification applicable to non-terminated bulk fiber cable