

# 2-599687-2 | C-012-CA-5K-M12BK/28G/GY

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Fiber indoor/outdoor Cable, Armoured LSZH, OM4, 12 fiber, loose tube, gel-filled

## Product Classification

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

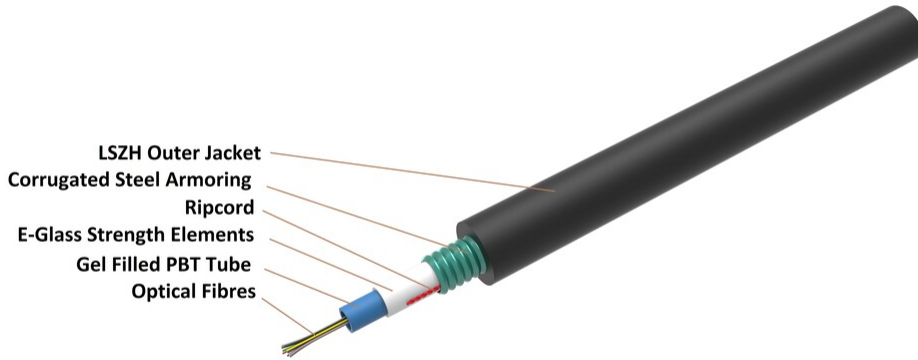
## General Specifications

<b>Armor Type</b>	Corrugated steel
<b>Cable Type</b>	Loose tube
<b>Subunit Type</b>	Gel-filled
<b>Jacket Color</b>	Black
<b>Jacket Marking</b>	Meters
<b>Jacket Marking Method</b>	Inkjet
<b>Jacket Marking Text</b>	COMMSCOPE GB SYSTEM F.O. CABLE X-599687-2 CSA GEL LOOSE TUBE 12X50/125 OM4 ULSZH (Serial NUMBER) (METRE)
<b>Fibers per Subunit, quantity</b>	12
<b>Total Fiber Count</b>	12

## Dimensions

<b>Buffer Tube/Subunit Diameter</b>	2.8 mm   0.11 in
<b>Diameter Over Jacket</b>	10 mm   0.394 in

## Representative Image



## Material Specifications

**Jacket Material** Low Smoke Zero Halogen (LSZH)

## Mechanical Specifications

**Minimum Bend Radius, loaded** 210 mm | 8.268 in  
**Minimum Bend Radius, unloaded** 160 mm | 6.299 in  
**Tensile Load, long term, maximum** 625 N | 140.506 lbf  
**Tensile Load, short term, maximum** 1200 N | 269.771 lbf  
**Cable Crush Resistance, maximum** 30 N/mm | 171.304 lb/in  
**Compression Test Method** IEC 60794-1-2 E3  
**Impact** 5 N-m | 44.254 in lb  
**Impact Test Method** IEC 60794-1-21 E4

## Optical Specifications

**Fiber Type** OM4, LazrSPEED®

## Optical Specifications, Wavelength Specific

**Attenuation, maximum** 1.00 dB/km @ 1,300 nm | 3.00 dB/km @ 850 nm  
**Standards Compliance** TIA-492AAAD (OM4)

## Environmental Specifications

<b>Installation temperature</b>	-20 °C to +70 °C (-4 °F to +158 °F)
<b>Operating Temperature</b>	-20 °C to +70 °C (-4 °F to +158 °F)
<b>Storage Temperature</b>	-20 °C to +75 °C (-4 °F to +167 °F)
<b>Environmental Space</b>	Buried   Ducted   Indoor/Outdoor   Outdoor
<b>Water Penetration</b>	24 h
<b>Water Penetration Test Method</b>	IEC 60794-1 F5

## Environmental Test Specifications

<b>Temperature Cycle</b>	-20 °C to +70 °C (-4 °F to +158 °F)
<b>Temperature Cycle Test Method</b>	IEC 60794-1 F1

## Packaging and Weights

<b>Cable weight</b>	135 kg/km   90.716 lb/kft
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## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
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



## Included Products

CS-5K-LT	- LazrSPEED® 550 OM4 Bend-Insensitive Multimode Fiber
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## \* Footnotes

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