

# 2-599691-3 | C-024-CA-5L-M24BK/28G/GY



Fiber indoor/outdoor Cable, Armored LSZH, OM3, 24 fiber, loose tube, gel-filled

## Product Classification

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

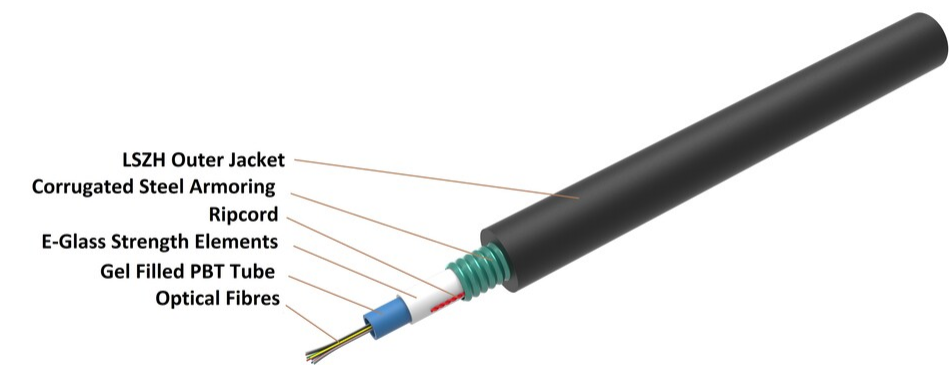
## General Specifications

Armor Type	Corrugated steel
Cable Type	Loose tube
Construction Type	Armored
Subunit Type	Gel-filled
Jacket Color	Black
Jacket Marking	Meters
Jacket Marking Method	Inkjet
Jacket Marking Text	COMMScope GB SYSTEM F.O.CABLE X-599691-3 CSA GEL LOOSE TUBE 24X50/125 OM3 ULSZH [Serial NUMBER] [METER MARK]
Fibers per Subunit, quantity	24
Total Fiber Count	24

## Dimensions

Buffer Tube/Subunit Diameter	2.8 mm   0.11 in
Diameter Over Jacket	10.5 mm   0.413 in

## Representative Image



## Material Specifications

Jacket Material	Low Smoke Zero Halogen (LSZH)
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## 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
Twist	5 cycles
Twist Test Method	IEC 60794-1-21 E7

## Optical Specifications

Fiber Type	OM3
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## Optical Specifications, Wavelength Specific

Attenuation, maximum	1.00 dB/km @ 1,300 nm   3.00 dB/km @ 850 nm
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## Environmental Specifications

Installation temperature	-20 °C to +70 °C (-4 °F to +158 °F)
Operating Temperature	-20 °C to +70 °C (-4 °F to +158 °F)
Storage Temperature	-20 °C to +75 °C (-4 °F to +167 °F)
Cable Qualification Standards	IEC 60794-1-2
Environmental Space	Buried   Ducted   Indoor/Outdoor   Outdoor
Flame Test Method	IEC 60332-1   IEC 60754-1   IEC 60754-2   IEC 61034-2
Water Penetration	24 h
Water Penetration Test Method	IEC 60794-1 F5

## 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	151 kg/km   101.467 lb/kft
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## Included Products

CS-5L-LT	– LazrSPEED® 300 OM3 Bend-Insensitive Multimode Fiber
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## \* Footnotes

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