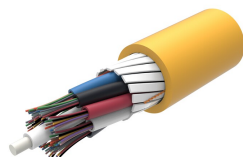


# 760252790 | L-096-LN-5G-M12LM/14D/GY/C



Fiber indoor cable, Single Jacket All-Dielectric, 96 fiber, Gel-Free, Stranded Microsheath Tube, Multimode OM4, Meters jacket marking, Green jacket color, Cca Flame rating. Provides Rodent Resistance

## Product Classification

Regional Availability	Asia   Australia/New Zealand   EMEA   Latin America
Portfolio	CommScope®
Product Type	Fiber indoor cable
Product Series	L-LN

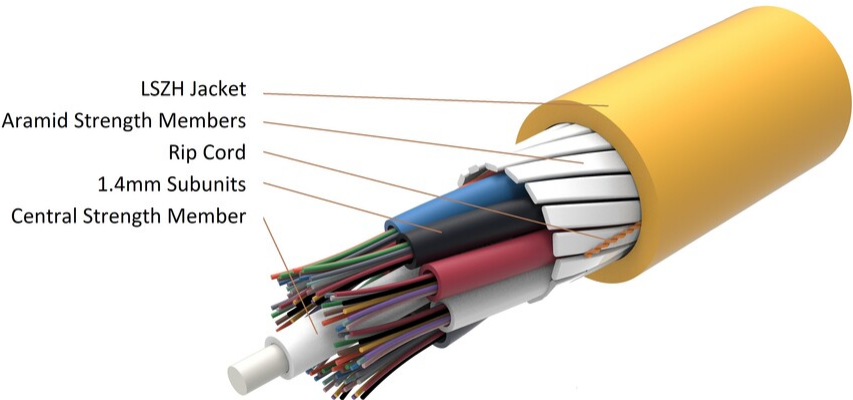
## General Specifications

Cable Type	Stranded microsheath tube
Construction Type	Non-armored
Subunit Type	Gel-free
Jacket Color	Aqua
Jacket Marking	Meters
Jacket Marking Method	Inkjet
Jacket Marking Text	COMMScope GB OPTICAL CABLE 760251608 96x 50 /125 OM4 LSZH EN50575 CLASS C [SERIAL NUMBER] [METER MARK
Subunit, quantity	8
Fibers per Subunit, quantity	12
Total Fiber Count	96

## Dimensions

Buffer Tube/Subunit Diameter	1.4 mm   0.055 in
Diameter Over Jacket	8.4 mm   0.331 in

## Representative Image



Material Specifications

Inner Jacket Material

Low Smoke Zero Halogen (LSZH)

Mechanical Specifications

Minimum Bend Radius, loaded

170 mm | 6.693 in

Minimum Bend Radius, unloaded

120 mm | 4.724 in

Tensile Load, long term, maximum

950 N | 213.569 lbf

Tensile Load, short term, maximum

1600 N | 359.694 lbf

Compression

10 N/mm | 57.101 lb/in

Compression Test Method

FOTP-41 | IEC 60794-1 E3

Impact

2 N-m | 17.701 in lb

Impact Test Method

FOTP-25 | IEC 60794-1 E4

Strain

See long and short term tensile loads

Strain Test Method

FOTP-33 | IEC 60794-1 E1

Vertical Rise, maximum

1100 m | 3,608.924 ft

Optical Specifications

Fiber Type

OM4

Environmental Specifications

Installation temperature

0 °C to +50 °C (+32 °F to +122 °F)

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Operating Temperature	-10 °C to +60 °C (+14 °F to +140 °F)
Storage Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Cable Qualification Standards	IEC 60794-1-2
EN50575 CPR Cable EuroClass Fire Performance	Cca
EN50575 CPR Cable EuroClass Smoke Rating	s1a
EN50575 CPR Cable EuroClass Droplets Rating	d0
EN50575 CPR Cable EuroClass Acidity Rating	a1
Environmental Space	Low Smoke Zero Halogen (LSZH)

## Environmental Test Specifications

Cable Freeze	-2 °C   28.4 °F
Cable Freeze Test Method	FOTP-98   IEC 60794-1 F15
Temperature Cycle	-10 °C to +60 °C (+14 °F to +140 °F)
Temperature Cycle Test Method	FOTP-3   IEC 60794-1 F1

## Packaging and Weights

Cable weight	80 kg/km   53.758 lb/kft
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## Included Products

- CS-5G-LT – LazrSPEED® OM5 WideBand Multimode Fiber

## \* Footnotes

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