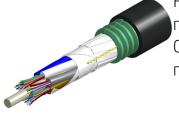
## 760250076 | C-048-LA-5K-M12BK/25G/GY/FS



Fiber indoor/outdoor cable, LazrSPEED®, Single Jacket/Single Armor, 90 min Fire Survival, Low Smoke Zero Halogen (LSZH), 48 fiber, Multimode OM4, Gel-Filled, Stranded Loose Tube, Black jacket color, Meters cable marking

#### Product Classification

Regional Availability	Asia   Australia/New Zealand   EMEA
Portfolio	CommScope®
Product Type	Fiber indoor/outdoor cable
Product Series	C-LA
General Specifications	
Armor Type	Corrugated steel
Cable Type	Stranded loose tube
Construction Type	Armored
Subunit Type	Gel-filled
Filler, quantity	2
Jacket Color	Black
Jacket Marking	Meters
Jacket Marking Method	Inkjet
Jacket Marking Text	COMMSCOPE GB OPTICAL CABLE 760250076 48x50/125 OM4 ULSZH [Serial number] [metre mark]
Subunit, quantity	4
Fibers per Subunit, quantity	12
Total Fiber Count	48
Dimensions	
Buffer Tube/Subunit Diameter	2.5 mm   0.098 in
Diameter Over Jacket	14 mm   0.551 in

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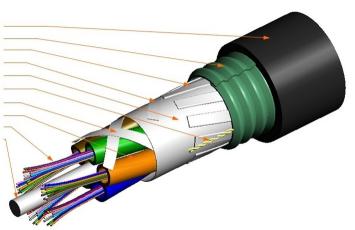
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### Representative Image

L SZH Outer Jacket Steel Tape Armoring Strength Elements Binder Mica & Water Swellable Tape Ripcord Binder 2.5mm Gel Filled Buffer Tubes 250 micron Fibers Dielectric Strength Member



### Mechanical Specifications

Minimum Bend Radius, loaded	330 mm   12.992 in
Minimum Bend Radius, unloaded	200 mm   7.874 in
Tensile Load, long term, maximum	1200 N   269.771 lbf
Tensile Load, short term, maximum	4000 N   899.236 lbf
Compression	20 N/mm   114.203 lb/in
Compression Test Method	IEC 60794-1 E3
Impact	5 N-m   44.254 in lb
Impact Test Method	IEC 60794-1 E4
Strain	See long and short term tensile loads
Strain Test Method	IEC 60794-1 E1
Twist	5 cycles
Twist Test Method	IEC 60794-1 E7

#### **Optical Specifications**

**Fiber Type** 

OM4 | OM4, LazrSPEED®

#### **Environmental Specifications**

Operating Temperature	-30 °C to +70 °C (-22 °F to +158 °F)
Storage Temperature	-40 °C to +70 °C (-40 °F to +158 °F)

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Cable Qualification Standards	EN 187105   IEC 60794-1-2
Environmental Space	Aerial, lashed   Buried   Low Smoke Zero Halogen (LSZH)
Flame Test Method	IEC 60331-25   IEC 60332-1   IEC 60332-3-24   IEC 60754-1   IEC 60754- 2   IEC 61034-2   NES 713 (<=5 - jacket material only)
Jacket UV Resistance	UV stabilized
Water Penetration	24 h
Water Penetration Test Method	IEC 60794-1 F5
Jacket UV Resistance Water Penetration	2   IEC 61034-2   NES 713 (<=5 - jacket material only) UV stabilized 24 h

#### **Environmental Test Specifications**

Low High Bend Test Method	IEC 60794-1 E11
Temperature Cycle	-20 °C to +70 °C (-4 °F to +158 °F)
Temperature Cycle Test Method	IEC 60794-1 F1

### Packaging and Weights

#### Included Products

CS-5K-LT

 LazrSPEED® 550 OM4 Bend-Insensitive Multimode Fiber

#### \* Footnotes

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

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