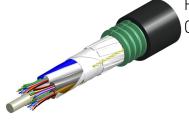
# 760249750 | C-048-LA-5X-M12BK/22G/093



Fiber indoor/outdoor cable, loose tube gel-filled CST, 48 fiber, Multimode OM4, Meters jacket marking, Black jacket color

### Product Classification

Regional Availability	Asia   Australia/New Zealand
Portfolio	CommScope®
Product Type	Fiber indoor/outdoor cable
Product Series	C-LA
General Specifications	
Cable Type	Stranded loose tube
Construction Type	Armored
Subunit Type	Gel-filled
Jacket Color	Black
Jacket Marking	Meters
Fibers per Subunit, quantity	12
Total Fiber Count	48
Dimensions	
Buffer Tube/Subunit Diameter	2.2 mm   0.087 in
Diameter Over Jacket	12.3 mm   0.484 in

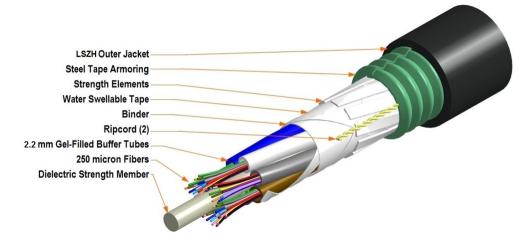
#### Representative Image

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# Mechanical Specifications

Minimum Bend Radius, unloaded123 mm   4.843 inTensile Load, short term, maximum2000 N   449.618 lbfCompression15 N/mm   85.652 lb/inCompression Test MethodIEC 60794-1-2 E3StrainSee long and short term tensile loadsStrain Test MethodIEC 60794-1-21 E1	Minimum Bend Radius, loaded	246 mm   9.685 in
Compression15 N/mm   85.652 lb/inCompression Test MethodIEC 60794-1-2 E3StrainSee long and short term tensile loads	Minimum Bend Radius, unloaded	123 mm   4.843 in
Compression Test MethodIEC 60794-1-2 E3StrainSee long and short term tensile loads	Tensile Load, short term, maximum	2000 N   449.618 lbf
Strain See long and short term tensile loads	Compression	15 N/mm   85.652 lb/in
	Compression Test Method	IEC 60794-1-2 E3
Strain Test Method IEC 60794-1-21 E1	Strain	See long and short term tensile loads
	Strain Test Method	IEC 60794-1-21 E1

#### **Optical Specifications**

OM4

# Optical Specifications, Wavelength Specific

Attenuation, maximum

**Fiber Type** 

1.00 dB/km @ 1,300 nm | 3.00 dB/km @ 850 nm

# **Environmental Specifications**

Installation temperature	-10 °C to +50 °C (+14 °F to +122 °F)
Operating Temperature	-30 °C to +70 °C (-22 °F to +158 °F)
Storage Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Environmental Space	Buried   Ducted   Indoor/Outdoor   Low Smoke Zero Halogen (LSZH)
Flame Test Method	IEC 60332-1   IEC 60332-3-24   IEC 60754-2   IEC 61034-2
Water Penetration	24 h
Water Penetration Test Method	IEC 60794-1 F5B

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#### **Environmental Test Specifications**

**Temperature Cycle** 

-30 °C to +70 °C (-22 °F to +158 °F)

Temperature Cycle Test Method

IEC 60794-1-2 F1

Packaging and Weights

Cable weight

171 kg/km | 114.907 lb/kft

#### Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant



## \* Footnotes

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

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