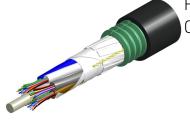
760249749 | C-072-LA-5Y-M12BK/22G/093



Fiber indoor/outdoor cable, loose tube gel-filled CST, 72 fiber, Multimode OM3, 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	72
Dimensions	
Buffer Tube/Subunit Diameter	2.2 mm 0.087 in
Diameter Over Jacket	12.3 mm 0.484 in

Representative Image

Page 1 of 3

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LSZH Outer Jacket Steel Tape Armoring Strength Elements Water Swellable Tape Binder Ripcord (2) 2.2 mm Gel-Filled Buffer Tubes 250 micron Fibers Dielectric Strength Member

Mechanical Specifications

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

Optical Specifications

OM3

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

Page 2 of 3

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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

Page 3 of 3

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