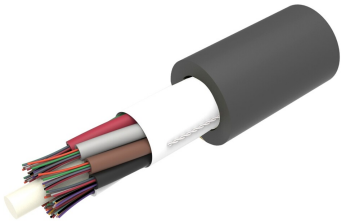
760256244 | C-096-LN-5K-M12BK/15D/B2



Fiber indoor/outdoor cable, Low Smoke Zero Halogen, 96 fiber Microsheath, Multi mode OM4 , Gel-free, Meters jacket marking, Black jacket color, B2ca flame rating

Product Classification

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

General Specifications

Cable Type	Stranded microsheath tube
Subunit Type	Gel-free
Jacket Color	Black
Jacket Marking	Meters
Jacket Marking Method	Inkjet
Jacket Marking Text	COMMSCOPE GB OPTICAL CABLE 760256143 96 x G652D 9/125 EN50575 CLASS B ULSZH [Serial number] [metre mark]
Fibers per Subunit, quantity	12
Total Fiber Count	96

Dimensions

Buffer Tube/Subunit Diameter	1.5 mm | 0.059 in
Diameter Over Jacket	8.7 mm | 0.343 in

Representative Image

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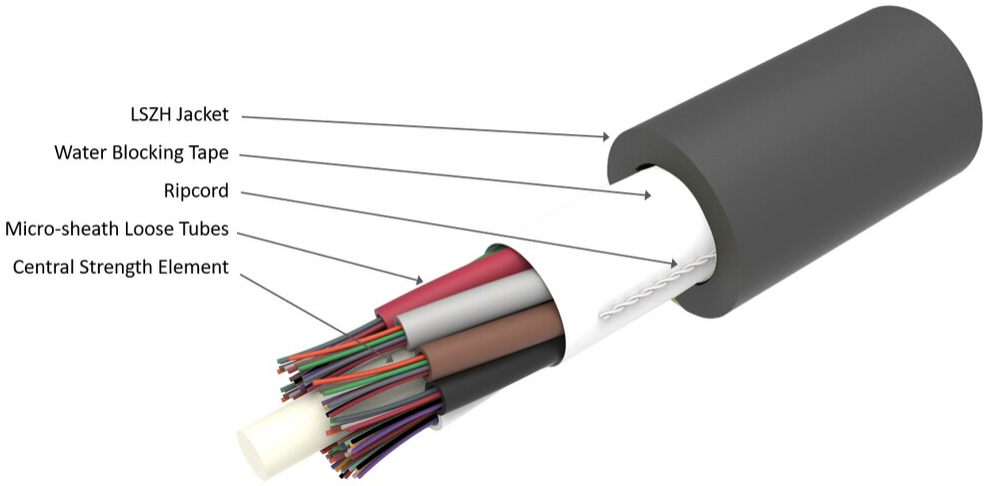

Mechanical Specifications

Minimum Bend Radius, unloaded	110 mm | 4.331 in
Tensile Load, long term, maximum	260 N | 58.45 lbf
Tensile Load, short term, maximum	850 N | 191.088 lbf
Cable Crush Resistance, maximum	10 N/mm | 57.101 lb/in
Compression Test Method	IEC 60794-1-21 E3
Impact	2 N-m | 17.701 in lb
Impact Test Method	IEC 60794-1-21 E4
Strain Test Method	IEC 60794-1-21 E1

Optical Specifications

Fiber Type	OM4

Optical Specifications, Wavelength Specific

Attenuation, maximum	0.60 dB/km @ 1,300 nm | 2.20 dB/km @ 850 nm

Environmental Specifications

Operating Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
EN50575 CPR Cable EuroClass Fire Performance	B2ca
EN50575 CPR Cable EuroClass Smoke Rating	s1a

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EN50575 CPR Cable EuroClass Droplets Rating	d0
EN50575 CPR Cable EuroClass Acidity Rating	a1
Environmental Space	Universal Low Smoke Zero Halogen (ULSZH)
Water Penetration Test Method	IEC 60794-1 F4

Environmental Test Specifications

Temperature Cycle	-40 °C to +70 °C (-40 °F to +158 °F)
Temperature Cycle Test Method	IEC 60794-1-22 F1

Packaging and Weights

Cable weight	83.6 kg/km | 56.177 lb/kft

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
ROHS	Compliant
UK-ROHS	Compliant

Included Products

NW-OM4B-LT – 50µm OM4 Bend-Insensitive Multimode Fiber

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

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