

Single Jacket All-Dielectric, Gel-Free, Indoor Stranded Microsheath Tube cable. 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

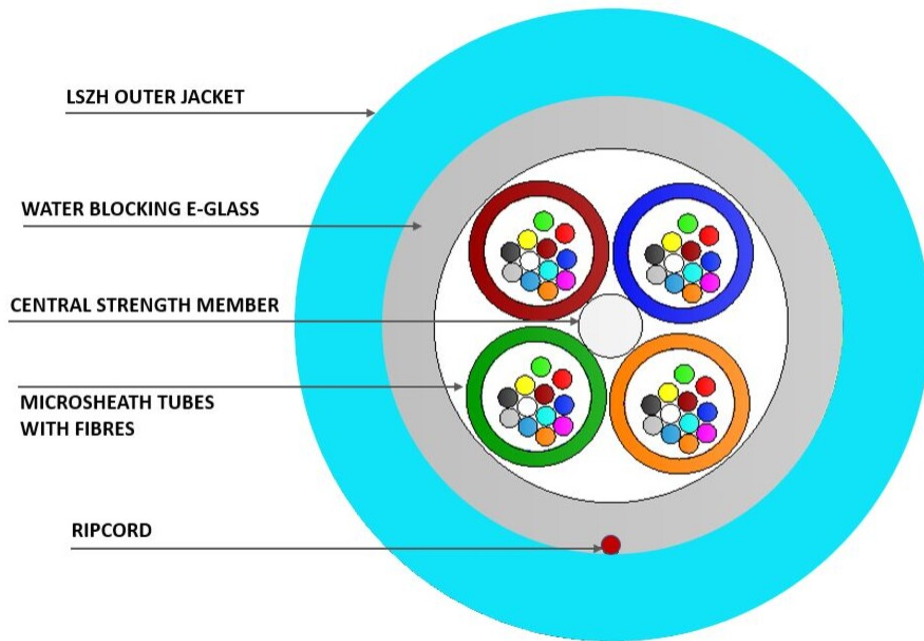
General Specifications

Cable Type	Stranded microsheath tube
Construction Type	Non-armored
Fiber Type, quantity	12
Fibers per Subunit, quantity	12
Filler, quantity	3
Jacket Color	Aqua
Jacket Marking	Meters
Subunit Type	Gel-free
Subunit, quantity	1
Total Fiber Count	12

Dimensions

Buffer Tube/Subunit Diameter	1.4 mm 0.055 in
Diameter Over Jacket	6.6 mm 0.26 in

Representative Image



Material Specifications

Inner Jacket Material Low Smoke Zero Halogen (LSZH)

Mechanical Specifications

Minimum Bend Radius, loaded	130 mm 5.118 in
Minimum Bend Radius, unloaded	90 mm 3.543 in
Tensile Load, long term, maximum	850 N 191.088 lbf
Tensile Load, short term, maximum	1450 N 325.973 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	1000 m 3,280.84 ft

Optical Specifications

Fiber Type OM4, LazrSPEED®

Environmental Specifications

Installation temperature	0 °C to +50 °C (+32 °F to +122 °F)
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	a2
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	52 kg/km 34.942 lb/kft
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Included Products

CS-5K-LT	-	LazrSPEED® 550 OM4 Bend-Insensitive Multimode Fiber
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* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable