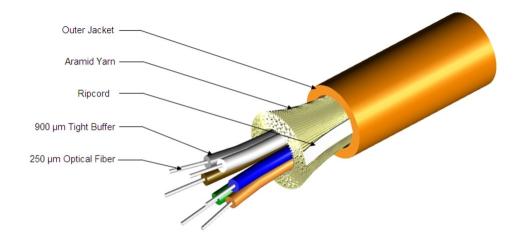
R-024-DS-5L-FSU

Fiber indoor cable, LazrSPEED® Riser Distribution, 24-Fiber Single-Unit, Multimode OM3, Feet jacket marking

Product Classification

Regional Availability	Asia Australia/New Zealand Latin America Middle East/Africa North America
Portfolio	CommScope®
Product Type	Fiber indoor cable
Product Series	R-DS
General Specifications	
Cable Type	Distribution
Construction Type	Non-armored
Subunit Type	Gel-free
Jacket Marking	Feet
Total Fiber Count	24
Dimensions	
Diameter Over Jacket	7.9 mm 0.311 in

Representative Image



Mechanical Specifications

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Minimum Bend Radius, loaded	118 mm 4.646 in
Minimum Bend Radius, unloaded	79 mm 3.11 in
Tensile Load, long term, maximum	400 N 89.924 lbf
Tensile Load, short term, maximum	1335 N 300.12 lbf
Compression	10 N/mm 57.101 lb/in
Compression Test Method	FOTP-41 IEC 60794-1 E3
Flex	100 cycles
Flex Test Method	FOTP-104 IEC 60794-1 E6
Impact	2.94 N-m 26.021 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
Twist	10 cycles
Twist Test Method	FOTP-85 IEC 60794-1 E7
Vertical Rise, maximum	500 m 1,640.42 ft

Optical Specifications

Fiber Type

OM3, LazrSPEED® 300 | OM3, LazrSPEED® 300

Environmental Specifications

Installation temperature	-20 °C to +70 °C (-4 °F to +158 °F)
Operating Temperature	-20 °C to +70 °C (-4 °F to +158 °F)
Storage Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Cable Qualification Standards	ANSI/ICEA S-83-596 Telcordia GR-409
Environmental Space	Riser
Flame Test Listing	NEC OFNR (ETL) and c(ETL)
Flame Test Method	UL 1666

Environmental Test Specifications

Heat Age	-20 °C to +85 °C (-4 °F to +185 °F)
Heat Age Test Method	IEC 60794-1 F9
Low High Bend	-20 °C to +70 °C (-4 °F to +158 °F)
Low High Bend Test Method	FOTP-37 IEC 60794-1 E11

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Temperature Cycle	-20 °C to +70 °C (-4 °F to +158 °F)	
Temperature Cycle Test Method	FOTP-3 IEC 60794-1 F1	
Packaging and Weights		
Cable weight	50.4 kg/km 33.867 lb/kft	
Regulatory Compliance/Certifications		
Agency Classificati	on	
ISO 9001:2015 Designed, n	nanufactured and/or distributed under this quality management system	
CS-5L-TB – LazrSPEED® 300 OM3 Bend-Insensitive Multimode Fiber		
* Footnotes		

Operating Temperature Specification applicable to non-terminated bulk fiber cable

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