

Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser Distribution, 6 fiber single-unit, Multimode OM4, Feet jacket marking, Slate jacket color, Dca flame rating

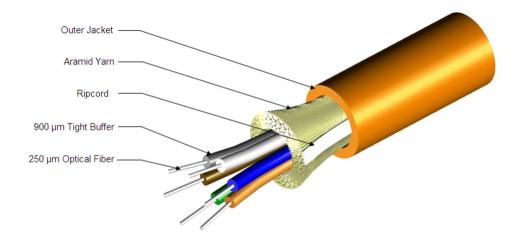
Product Classification

Regional Availability	Asia Australia/New Zealand EMEA Latin America North America
Portfolio	CommScope®
Product Type	Fiber indoor cable
Product Series	N-DS
General Specifications	
Cable Type	Distribution
Construction Type	Non-armored
Subunit Type	Gel-free
Jacket Color	Slate
Jacket Marking	Feet
Total Fiber Count	6
Dimensions	
Diameter Over Jacket	5.07 mm 0.2 in
Representative Image	

Page 1 of 4

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Mechanical Specifications

Minimum Bend Radius, loaded	76 mm 2.992 in
Minimum Bend Radius, unloaded	51 mm 2.008 in
Tensile Load, long term, maximum	200 N 44.962 lbf
Tensile Load, short term, maximum	667 N 149.948 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

OM4, LazrSPEED® 550 | OM4, LazrSPEED® 550

Environmental Specifications

Page 2 of 4

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Installation temperature	-10 °C to +60 °C (+14 °F to +140 °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	
EN50575 CPR Cable EuroClass Fire Performance	Dca	
EN50575 CPR Cable EuroClass Smoke Rating	s1a	
EN50575 CPR Cable EuroClass Droplets Rating	d1	
EN50575 CPR Cable EuroClass Acidity Rating	a2	
Environmental Space	Low Smoke Zero Halogen (LSZH) Riser	
Flame Test Listing	NEC OFNR-ST1 (ETL) and c(ETL)	
Flame Test Method	IEC 60332-3 IEC 60754-2 IEC 61034-2 UL 1666 UL 1685	

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	-10 °C to +60 °C (+14 °F to +140 °F)
Low High Bend Test Method	FOTP-37 IEC 60794-1 E11
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

24 kg/km | 16.127 lb/kft

Regulatory Compliance/Certifications

assification
N 50575 compliant, Declaration of Performance (DoP) available
elow maximum concentration value
esigned, manufactured and/or distributed under this quality management system
ompliant as per SVHC revision on www.commscope.com/ProductCompliance
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Included Products

Page 3 of 4

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CS-5K-TB

LazrSPEED® 550 OM4 Bend-Insensitive Multimode Fiber

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

Page 4 of 4

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