

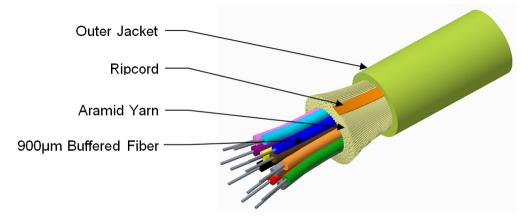
Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser Distribution Cable, 24 fiber single-unit, Gel-free, Multimode OM5, Feet jacket marking, Lime green jacket color, Dca flame rating

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	Lime green
Jacket Marking	Feet
Total Fiber Count	24
Dimensions	
Diameter Over Jacket	8.6 mm 0.339 in
Representative Image	

Page 1 of 4





Mechanical Specifications

Minimum Bend Radius, loaded	130 mm 5.118 in
Minimum Bend Radius, unloaded	86 mm 3.386 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

OM5, LazrSPEED® wideband | OM5, LazrSPEED® wideband

Environmental Specifications

Installation temperature

Operating Temperature

-10 °C to +60 °C (+14 °F to +140 °F) -20 °C to +70 °C (-4 °F to +158 °F)

Page 2 of 4



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	al
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	C to +85 °C (-4 °F to +185 °F)
Heat Age Test Method IEC 6	50794-1 F9
Low High Bend -10 °C	C to +60 °C (+14 °F to +140 °F)
Low High Bend Test Method FOTF	P-37 IEC 60794-1 E11
Temperature Cycle -20 °C to +70 °C (-4 °F to +158 °F)	
Temperature Cycle Test Method FOTF	P-3 IEC 60794-1 F1

Packaging and Weights

Cable weight

66 kg/km | 44.35 lb/kft

Regulatory Compliance/Certifications

Agency	Classification
ANATEL	Compliant
CENELEC	EN 50575 compliant, Declaration of Performance (DoP) available
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant

Included Products

ANATEL

CENELEC

CS-5G-TB – LazrSPEED® OM5 WideBand Multimode

Page 3 of 4



Fiber

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

Page 4 of 4

