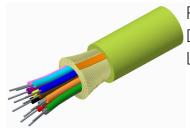
# 760231563 | N-006-DS-5G-FSULM/D



Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser Distribution, 6 fiber single-unit, Multimode OM5, Feet jacket marking, Lime green jacket color, Dca flame rating

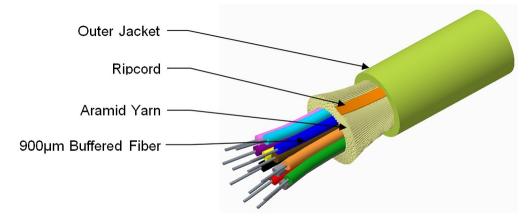
## Product Classification

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	6
Dimensions	
Diameter Over Jacket	5.07 mm   0.2 in
Representative Image	

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## 760231563 | N-006-DS-5G-FSULM/D



### 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	5.88 N-m   52.042 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)

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# 760231563 | N-006-DS-5G-FSULM/D

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
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

Agency	Classification
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

CS-5G-TB

 LazrSPEED® OM5 WideBand Multimode Fiber

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## \* Footnotes

**Operating Temperature** Specification applicable to non-terminated bulk fiber cable

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