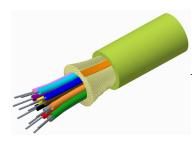
# 760231597 | N-024-DS-5G-FSULM/D



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 TypeDistribution

Construction Type Non-armored

**Subunit Type** Gel-free

Jacket Color Lime green

**Jacket Marking** Feet

Total Fiber Count 24

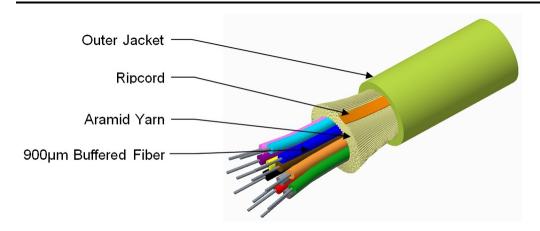
**Dimensions** 

**Diameter Over Jacket** 8.6 mm | 0.339 in

Representative Image



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## 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  $-10 \,^{\circ}\text{C}$  to  $+60 \,^{\circ}\text{C}$  (+14  $^{\circ}\text{F}$  to +140  $^{\circ}\text{F}$ )

Operating Temperature  $-20 \,^{\circ}\text{C}$  to  $+70 \,^{\circ}\text{C}$  (-4  $^{\circ}\text{F}$  to +158  $^{\circ}\text{F}$ )

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#### N-024-DS-5G-FSULM/D 760231597 L

-40 °C to +70 °C (-40 °F to +158 °F) **Storage Temperature** 

ANSI/ICEA S-83-596 | Telcordia GR-409 **Cable Qualification Standards** 

**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** a1

**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 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

 LazrSPEED® OM5 WideBand Multimode CS-5G-TB

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Fiber

\* Footnotes

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