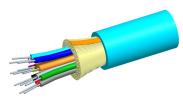
760019117 | N-024-DS-5K-FSUAQ/D



Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser Distribution, 24 fiber single-unit, Gel-free, Multimode OM4, Feet jacket marking, Aqua 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 Aqua

Jacket Marking Feet

Total Fiber Count 24

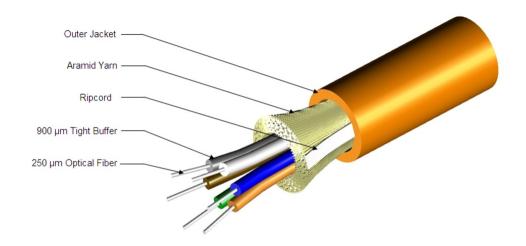
Dimensions

Diameter Over Jacket 8.6 mm | 0.339 in

Representative Image



760019117 | N-024-DS-5K-FSUAQ/D



Mechanical Specifications

Minimum Bend Radius, loaded

Minimum Bend Radius, unloaded

Tensile Load, long term, maximum

Tensile Load, short term, maximum

Compression

Compression Test Method

Flex

Flex Test Method

Impact

Impact Test Method

Strain

Strain Test Method

Twist

Twist Test Method

Vertical Rise, maximum

Optical Specifications

Fiber Type

130 mm | 5.118 in

86 mm | 3.386 in

400 N | 89.924 lbf

1335 N | 300.12 lbf

10 N/mm | 57.101 lb/in

FOTP-41 | IEC 60794-1 E3

100 cycles

FOTP-104 | IEC 60794-1 E6

5.88 N-m | 52.042 in lb

FOTP-25 | IEC 60794-1 E4

See long and short term tensile loads

FOTP-33 | IEC 60794-1 E1

10 cycles

FOTP-85 | IEC 60794-1 E7

500 m | 1,640.42 ft

OM4, LazrSPEED® 550 | OM4, LazrSPEED® 550

Environmental Specifications

COMMSCOPE®

N-024-DS-5K-FSUAQ/D 760019117

-10 °C to +60 °C (+14 °F to +140 °F) Installation temperature

-20 °C to +70 °C (-4 °F to +158 °F) **Operating Temperature**

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

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

a1

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

Classification Agency

CENELEC EN 50575 compliant, Declaration of Performance (DoP) available

CHINA-ROHS Below maximum concentration value

Designed, manufactured and/or distributed under this quality management system ISO 9001:2015 **REACH-SVHC** Compliant as per SVHC revision on www.commscope.com/ProductCompliance

ROHS Compliant **UK-ROHS** Compliant



Included Products



760019117 | N-024-DS-5K-FSUAQ/D

CS-5K-TB

 LazrSPEED® 550 OM4 Bend-Insensitive Multimode Fiber

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable