

Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser Distribution, 4 fiber single-unit, Gel-free, Multimode OM4, Feet jacket marking, Agua 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 Aqua

Jacket Marking Feet

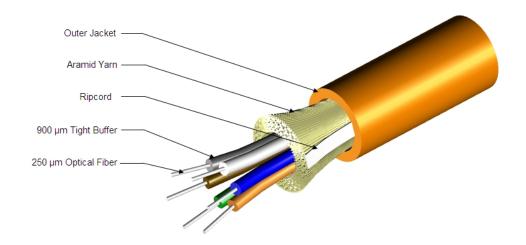
Total Fiber Count 4

**Dimensions** 

**Diameter Over Jacket** 4.65 mm | 0.183 in

Representative Image





### 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** 

70 mm | 2.756 in

46 mm | 1.811 in

200 N | 44.962 lbf

667 N | 149.948 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®** 

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

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

Storage Temperature  $-40 \,^{\circ}\text{C}$  to  $+70 \,^{\circ}\text{C}$  (-40  $^{\circ}\text{F}$  to  $+158 \,^{\circ}\text{F}$ )

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

EN50575 CPR Cable EuroClass Fire PerformanceDcaEN50575 CPR Cable EuroClass Smoke Ratings1aEN50575 CPR Cable EuroClass Droplets Ratingd1EN50575 CPR Cable EuroClass Acidity Ratinga2

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**  $-20 \,^{\circ}\text{C}$  to  $+85 \,^{\circ}\text{C}$  ( $-4 \,^{\circ}\text{F}$  to  $+185 \,^{\circ}\text{F}$ )

**Heat Age Test Method** IEC 60794-1 F9

**Low High Bend**  $-10 \,^{\circ}\text{C}$  to  $+60 \,^{\circ}\text{C}$  (+14  $^{\circ}\text{F}$  to +140  $^{\circ}\text{F}$ )

**Low High Bend Test Method** FOTP-37 | IEC 60794-1 E11

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

**Temperature Cycle Test Method** FOTP-3 | IEC 60794-1 F1

Packaging and Weights

**Cable weight** 21 kg/km | 14.111 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-5K-TB

 LazrSPEED® 550 OM4 Bend-Insensitive Multimode Fiber

## \* Footnotes

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