# R-004-DS-5K-FSU

Fiber indoor cable, LazrSPEED® Riser Distribution, 4-Fiber Single-Unit, Multimode OM4, Feet jacket marking

#### **Product Classification**

Regional Availability

Asia | Australia/New Zealand | Latin America | Middle East/Africa | North

America

Portfolio CommScope®

Product Type Fiber indoor cable

**Product Series** R-DS

#### General Specifications

 Cable Type
 Distribution

 Construction Type
 Non-armored

 Subunit Type
 Gel-free

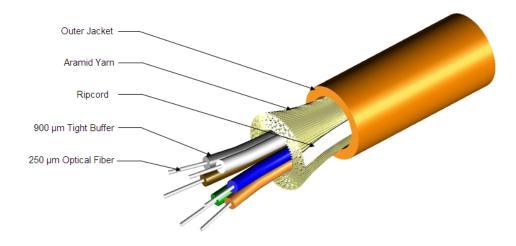
 Jacket Marking
 Feet

 Total Fiber Count
 4

**Dimensions** 

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

### Representative Image



Mechanical Specifications

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## R-004-DS-5K-FSU

70 mm | 2.756 in Minimum Bend Radius, loaded Minimum Bend Radius, unloaded 46 mm | 1.811 in 200 N | 44.962 lbf Tensile Load, long term, maximum

Tensile Load, short term, maximum 667 N | 149.948 lbf

Compression 10 N/mm | 57.101 lb/in 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** 

**Compression Test Method** 

**Fiber Type** OM4, LazrSPEED® 550 | OM4, LazrSPEED® 550

### **Environmental Specifications**

-20 °C to +70 °C (-4 °F to +158 °F) Installation temperature **Operating Temperature** -20 °C to +70 °C (-4 °F to +158 °F) -40 °C to +70 °C (-40 °F to +158 °F) **Storage Temperature** 

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

**Environmental Space** Riser

NEC OFNR (ETL) and c(ETL) Flame Test Listing

Flame Test Method UI 1666

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

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

**COMMSCOPE®** 

## R-004-DS-5K-FSU

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

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

Packaging and Weights

Cable weight 19 kg/km | 12.767 lb/kft

Regulatory Compliance/Certifications

Agency Classification

ISO 9001:2015 Designed, manufactured and/or distributed under this quality management system



#### Included Products

CS-5K-TB – LazrSPEED® 550 OM4 Bend-Insensitive Multimode

Fiber

#### \* Footnotes

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

