# 760118778 | R-002-ZC-6F-F16VI



Fiber indoor cable, OptiSPEED® 1.6 mm Riser Zipcord, Multimode OM1, Feet jacket marking, Violet jacket color

#### **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-ZC

### General Specifications

Cable Type Cordage

Construction Type Non-armored

Subunit TypeGel-freeJacket ColorVioletJacket MarkingFeet

Total Fiber Count 2

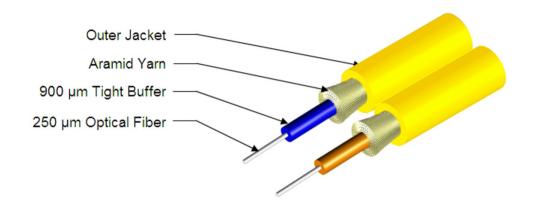
#### **Dimensions**

Height Over Jacket 1.7 mm | 0.067 in Width Over Jacket 3.5 mm | 0.138 in

## Representative Image



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#### Mechanical Specifications

Minimum Bend Radius, loaded38 mm1.496 inMinimum Bend Radius, unloaded15 mm0.591 inTensile Load, long term, maximum53 N11.915 lbfTensile Load, short term, maximum178 N40.016 lbf

 Compression
 10 N/mm | 57.101 lb/in

 Compression Test Method
 FOTP-41 | IEC 60794-1 E3

Flex 300 cycles

Flex Test Method FOTP-104 | IEC 60794-1 E6

**Impact** 0.74 N-m | 6.55 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 OM1, OptiSPEED® | OM1, OptiSPEED®

#### **Environmental Specifications**

Installation temperature -20 °C to +70 °C (-4 °F to +158 °F)

**COMMSCOPE®** 

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

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

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

Environmental Space Riser

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

Flame Test Method UL 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**  $-20 \, ^{\circ}\text{C} \text{ to } +70 \, ^{\circ}\text{C} \, (-4 \, ^{\circ}\text{F to } +158 \, ^{\circ}\text{F})$ 

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

**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** 5.8 kg/km | 3.897 lb/kft

#### Regulatory Compliance/Certifications

Compliant

Agency	Classification
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

#### Included Products

CS-6F-TB - OptiSPEED® OM1 Multimode Fiber

#### \* Footnotes

**UK-ROHS** 

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

