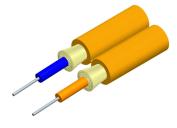
#### R-002-ZC-6F-F250R 760147298



Fiber indoor cable, OptiSPEED® 2.5 mm Riser Zipcord, Multimode OM1, Feet jacket marking, Orange jacket color

## Product Classification

| Regional Availability  | Asia   Australia/New Zealand   Latin America   Middle East/Africa   North<br>America |  |  |
|------------------------|--|--|--|
| Portfolio              | CommScope®   |  |  |
| Product Type           | Fiber indoor cable   |  |  |
| Product Series         | R-ZC   |  |  |
| General Specifications |  |  |  |
| Cable Type             | Cordage  |  |  |
| Construction Type      | Non-armored  |  |  |
| Subunit Type           | Gel-free   |  |  |
| Jacket Color           | Orange   |  |  |
| Jacket Marking         | Feet   |  |  |
| Total Fiber Count      | 2  |  |  |
| Dimensions             |  |  |  |
| Height Over Jacket     | 2.5 mm   0.098 in  |  |  |
| Width Over Jacket      | 5.1 mm   0.201 in  |  |  |

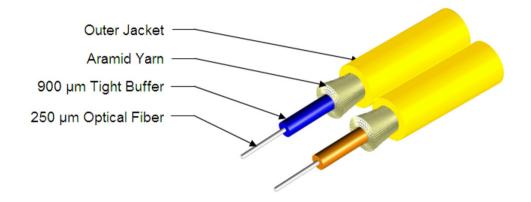
## Representative Image

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### Mechanical Specifications

| Minimum Bend Radius, loaded       | 38 mm   1.496 in                      |
|-----------------------------------|---------------------------------------|
| Minimum Bend Radius, unloaded     | 20 mm   0.787 in                      |
| Tensile Load, long term, maximum  | 120 N   26.977 lbf                    |
| Tensile Load, short term, maximum | 400 N   89.924 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)

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| Operating Temperature         | -20 °C to +70 °C (-4 °F to +158 °F)   |
|-------------------------------|---------------------------------------|
| Storage Temperature           | -40 °C to +70 °C (-40 °F to +158 °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 °C to +70 °C (-4 °F to +158 °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 | 13 kg/km | 8.736 lb/kft |
|--------------|----------|--------------|
|              |          |              |

### Regulatory Compliance/Certifications

### Agency Classification

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

### Included Products

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

## \* Footnotes

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

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