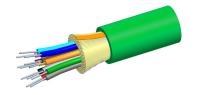
# 760179879 | R-002-DS-6F-FSUGR



OptiSPEED® Riser Distribution Cable, 2 fiber single-unit

### OBSOLETE

This product was discontinued on: March 30, 2017

### 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 Color	Green
Jacket Marking	Feet
Total Fiber Count	2
Dimensions	
Diameter Over Jacket	3.91 mm   0.154 in

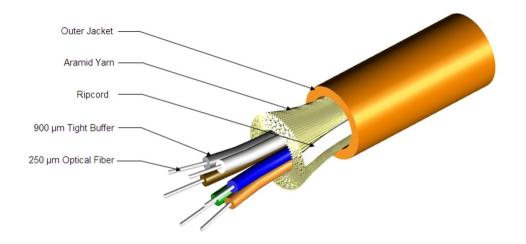
## Representative Image

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## 760179879 | R-002-DS-6F-FSUGR



## Mechanical Specifications

Minimum Bend Radius, loaded	59 mm   2.323 in
Minimum Bend Radius, unloaded	39 mm   1.535 in
Tensile Load, long term, maximum	200 N   44.962 lbf
Tensile Load, short term, maximum	667 N   149.948 lbf
Compression	10 N/mm   57.101 lb/in
Compression Test Method	FOTP-41   IEC 60794-1 E3
Flex	100 cycles
Flex Test Method	FOTP-104   IEC 60794-1 E6
Impact	2.94 N-m   26.021 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**

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## 760179879 | R-002-DS-6F-FSUGR

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

\* Footnotes

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

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