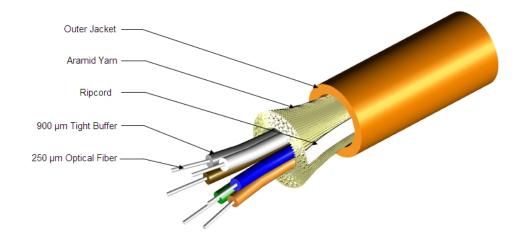
# R-008-DS-8W-FSU

Fiber indoor cable, TeraSPEED® Riser Distribution, Singlemode G.652.D and G.657.A1, 8 fiber single-unit, 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	8
Dimensions	
Diameter Over Jacket	5.42 mm   0.213 in

#### Representative Image



### Mechanical Specifications

Page 1 of 3

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# R-008-DS-8W-FSU

Minimum Bend Radius, loaded	81 mm   3.189 in
Minimum Bend Radius, unloaded	54 mm   2.126 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	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**

Fiber Type

G.652.D and G.657.A1, TeraSPEED®

#### **Environmental Specifications**

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

Page 2 of 3

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# R-008-DS-8W-FSU

**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

26 kg/km | 17.471 lb/kft

### Regulatory Compliance/Certifications

Agency

#### Classification

ISO 9001:2015

Designed, manufactured and/or distributed under this quality management system



#### Included Products

CS-8W-TB - TeraSPEED® Singlemode Fiber

#### \* Footnotes

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

Page 3 of 3

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