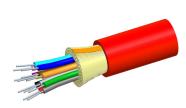
# 760124941 | P-008-DS-8W-FSURD



Fiber indoor cable, TeraSPEED® Plenum Distribution, 8-Fiber Single-Unit, Singlemode G.652.D and G.657.Al, Feet jacket marking, Red 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 P-DS

General Specifications

Cable TypeDistribution

Construction Type Non-armored

Fiber Type, quantity 8

**Jacket Color** Red

Jacket Marking Feet

Subunit Type Gel-free

**Total Fiber Count** 8

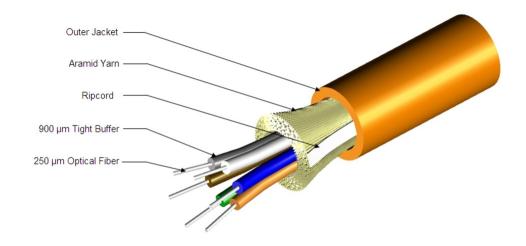
Dimensions

**Diameter Over Jacket** 5.02 mm | 0.198 in

Representative Image



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## Mechanical Specifications

Minimum Bend Radius, loaded75 mm | 2.953 inMinimum Bend Radius, unloaded50 mm | 1.969 inTensile Load, long term, maximum200 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® | G.652.D and G.657.A1, TeraSPEED®

## **Environmental Specifications**



## 760124941 | P-008-DS-8W-FSURD

Installation temperature  $0 \, ^{\circ}\text{C}$  to +70  $^{\circ}\text{C}$  (+32  $^{\circ}\text{F}$  to +158  $^{\circ}\text{F}$ )

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

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 Plenum

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

Flame Test Method NFPA 130 | NFPA 262

## **Environmental Test Specifications**

**Heat Age**  $-20 \, ^{\circ}\text{C} \text{ to } +85 \, ^{\circ}\text{C} \, (-4 \, ^{\circ}\text{F to } +185 \, ^{\circ}\text{F})$ 

**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 °C to +70 °C (-4 °F to +158 °F)

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

Packaging and Weights

**Cable weight** 25 kg/km | 16.799 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

