# 760133801 | P-096-DS-8W-FMURD



Fiber indoor cable, TeraSPEED® Plenum Distribution, 96 fiber multi-unit with 12 fiber subunits, Singlemode G.652.D and G.657.A1, Gel-free, 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 Type	Distribution	
Construction Type	Non-armored	
Subunit Type	Gel-free	
Jacket Color	Red	
Jacket Marking	Feet	
Subunit, quantity	8	
Fibers per Subunit, quantity	12	
Total Fiber Count	96	
Dimensions		
Buffer Tube/Subunit Diameter	5.77 mm   0.227 in	
Diameter Over Jacket	22.91 mm   0.902 in	

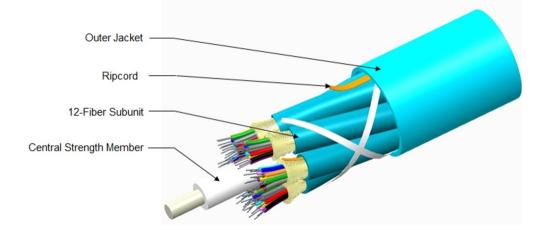
# Representative Image

Page 1 of 3

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# Mechanical Specifications

Minimum Bend Radius, loaded	344 mm   13.543 in
Minimum Bend Radius, unloaded	229 mm   9.016 in
Tensile Load, long term, maximum	400 N   89.924 lbf
Tensile Load, short term, maximum	1335 N   300.12 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	76 m   249.344 ft
Optical Specifications	

Fiber Type

G.652.D and G.657.A1, TeraSPEED®

### **Environmental Specifications**

#### Installation temperature

0 °C to +70 °C (+32 °F to +158 °F)

Page 2 of 3

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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	Plenum
Flame Test Listing	NEC OFNP (ETL) and c(ETL)
Flame Test Method	NFPA 130   NFPA 262

### **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

537 kg/km | 360.847 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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