## 760137992 | P-008-0D-CM-FSUBK/8W002 /5L006



Fiber indoor/outdoor cable TeraSPEED® Indoor/Outdoor Plenum Distribution, 8 fiber single-unit, Composite OM3, Gel-free and G.652.D and G.657.A1, Feet jacket marking, Black jacket color

### Product Classification

Regional Availability	Asia   Australia/New Zealand   Latin America   Middle East/Africa   North America		
Portfolio	CommScope®		
Product Type	Fiber indoor/outdoor cable		
Product Series	P-OD		
General Specifications			
Cable Type	Distribution		
Construction Type	Non-armored		
Jacket Color	Black		
Jacket Marking	Feet		
Composite Fiber Count	2 + 6		
Total Fiber Count	8		
Dimensions			
Diameter Over Jacket	5.8 mm   0.228 in		

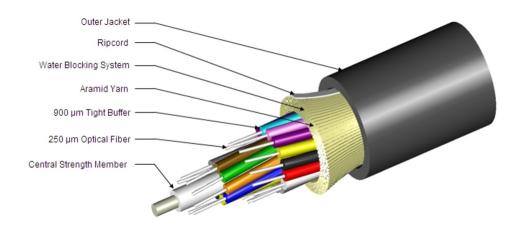
### Representative Image

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### Mechanical Specifications

Minimum Bend Radius, loaded	87 mm   3.425 in
Minimum Bend Radius, unloaded	58 mm   2.283 in
Tensile Load, long term, maximum	400 N   89.924 lbf
Tensile Load, short term, maximum	1335 N   300.12 lbf
Compression	22 N/mm   125.623 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

Composite MM/SM | G.652.D and G.657.A1, TeraSPEED® | OM3, LazrSPEED® 300

#### **Environmental Specifications**

Installation temperature

-30 °C to +70 °C (-22 °F to +158 °F)

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Operating Temperature	-25 °C to +70 °C (-13 °F to +158 °F)	
Storage Temperature	-40 °C to +75 °C (-40 °F to +167 °F)	
Cable Qualification Standards	ANSI/ICEA S-104-696   Telcordia GR-20 (water penetration)   Telcordia GR-409	
Environmental Space	Plenum	
Flame Test Listing	NEC OFNP (ETL) and c(ETL)	
Flame Test Method	NFPA 130   NFPA 262	
Jacket UV Resistance	UV stabilized	
Water Penetration	24 h	
Water Penetration Test Method	FOTP-82   IEC 60794-1 F5	

### Environmental Test Specifications

Cable Freeze Test Method	IEC 60794-1 F15
Heat Age	-40 °C to +85 °C (-40 °F to +185 °F)
Heat Age Test Method	IEC 60794-1 F9
Low High Bend	-40 °C to +70 °C (-40 °F to +158 °F)
Low High Bend Test Method	FOTP-37   IEC 60794-1 E11
Temperature Cycle	-40 °C to +70 °C (-40 °F to +158 °F)
Temperature Cycle Test Method	FOTP-3   IEC 60794-1 F1

### Packaging and Weights

Cable weight

37 kg/km | 24.863 lb/kft

### Regulatory Compliance/Certifications

#### Agency Classification

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

### Included Products

 CS-5L-TB
 LazrSPEED® 300 OM3 Bend-Insensitive Multimode Fiber

 CS-8W-TB
 TeraSPEED® Singlemode Fiber

### \* Footnotes

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

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