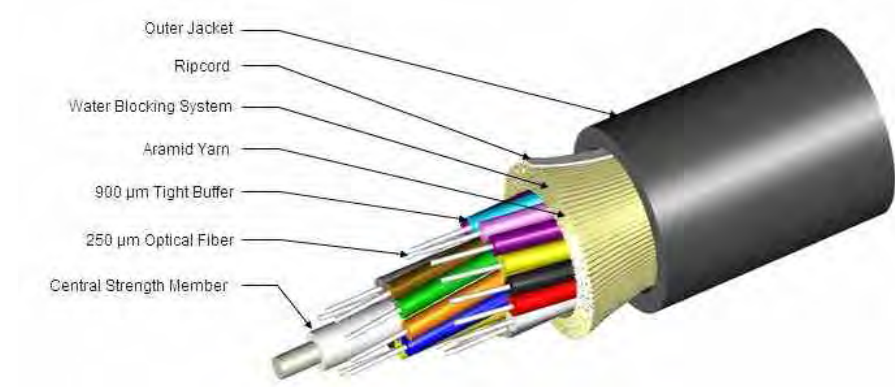




760037192 | P-012-OD-8W-FSUBK  
Indoor/Outdoor Plenum Distribution Cable, 12 fiber single-unit

## Representative Image



## General Specifications

Cable Type	Distribution
Construction Type	Non-armored

## Construction Materials

Fiber Type Solution	TeraSPEED®, zero water peak singlemode fiber (G.652.D, G.657.A1)
Total Fiber Count	12
Fiber Type	TeraSPEED®, zero water peak singlemode fiber (G.652.D, G.657.A1)
Fiber Type, quantity	12
Jacket Color	Black
Jacket UV Resistance	UV stabilized

## Dimensions

Cable Weight	36.0 lb/kft   54.0 kg/km
Diameter Over Jacket	6.90 mm   0.27 in

## Physical Specifications

Minimum Bend Radius, loaded	10.4 cm   4.1 in
Minimum Bend Radius, unloaded	6.9 cm   2.7 in
Tensile Load, long term, maximum	90 lbf   400 N
Tensile Load, short term, maximum	300 lbf   1335 N
Vertical Rise, maximum	500.0 m   1640.4 ft

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## Flame Test Specifications

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

## Environmental Specifications

Environmental Space	Plenum
Installation Temperature	-30 °C to +70 °C (-22 °F to +158 °F)
Operating Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Storage Temperature	-40 °C to +75 °C (-40 °F to +167 °F)

## Mechanical Test Specifications

Compression	126 lb/in   22 N/mm
Compression Test Method	FOTP-41   IEC 60794-1 E3
Flex	100 cycles
Flex Test Method	FOTP-104   IEC 60794-1 E6
Impact	4.34 ft lb   5.88 N-m
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
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

## Qualification Specifications

Cable Qualification Standards	ANSI/ICEA S-104-696   Telcordia GR-20 (water penetration)   Telcordia GR-409
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## Regulatory Compliance/Certifications

Agency	Classification
RoHS 2011/65/EU	Compliant
ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system



## Included Products

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CS-8W-TB (Product Component—not orderable) — TeraSPEED® Singlemode Fiber

## \* Footnotes

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Operating Temperature Specification applicable to non-terminated bulk fiber cable