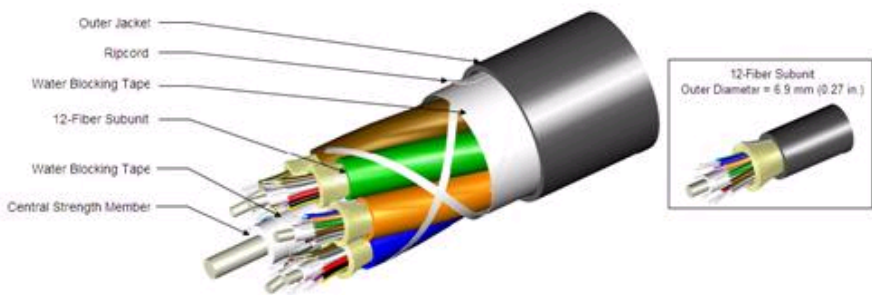


760037960 | P-048-OD-6F-FMUBK  
Indoor/Outdoor Plenum Distribution Cable, 48 fiber multi-unit with 12 fiber subunits

## Representative Image



## General Specifications

Cable Type	Distribution
Construction Type	Non-armored
Subunit Type	Gel-free

## Construction Materials

Fiber Type Solution	OptiSPEED®, 62.5 µm multimode fiber
Total Fiber Quantity	48
Fiber Type	OptiSPEED®, 62.5 µm multimode fiber
Fiber Type, quantity	48
Fibers Per Subunit, quantity	12
Jacket Color	Black
Jacket UV Resistance	UV stabilized

## Dimensions

Buffer Tube/Subunit Diameter	6.90 mm   0.27 in
Cable Weight	222.0 lb/kft   330.0 kg/km
Diameter Over Jacket	18.90 mm   0.74 in
Subunit, quantity	4

## Physical Specifications

Minimum Bend Radius, loaded	28.3 cm   11.1 in
Minimum Bend Radius, unloaded	18.9 cm   7.4 in
Tensile Load, long term, maximum	240 lbf   1068 N
Tensile Load, short term, maximum	800 lbf   3560 N

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Vertical Rise, maximum 330.0 m | 1082.7 ft

## 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 60794-1-2, Section 7
Flex	100 cycles
Flex Test Method	FOTP-104   IEC 60794-1-2, Section 10
Impact	4.34 ft lb   5.88 N-m
Impact Test Method	FOTP-25   IEC 60794-1-2, Section 8
Strain	See long and short term tensile loads
Strain Test Method	FOTP-33   IEC 60794-1-2, Section 5
Twist	10 cycles
Twist Test Method	FOTP-85   IEC 60794-1-2, Section 11
Water Penetration	24 h
Water Penetration Test Method	FOTP-82   IEC 60794-1-2, Section 24

## Environmental Test Specifications

Heat Age	-40 °C to +85 °C (-40 °F to +185 °F)
Heat Age Test Method	Not applicable
Low High Bend	-40 °C to +70 °C (-40 °F to +158 °F)
Low High Bend Test Method	FOTP-28   IEC 60794-1-2, Section 28
Temperature Cycle	-40 °C to +70 °C (-40 °F to +158 °F)
Temperature Cycle Test Method	FOTP-3   IEC 60794-1-2, Section 22

## Qualification Specifications

Cable Qualification Standards	ANSI/ICEA S-104-696-2001   Telcordia GR-20-CORE Issue 3 (water penetration)   Telcordia GR-409-CORE Issue 2
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## Regulatory Compliance/Certifications

Agency	Classification
RoHS 2002/95/EC	Compliant
ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system



## Included Products

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CS-6F-TB (Product Component—not orderable) — OptiSPEED® OM1 Multimode Fiber