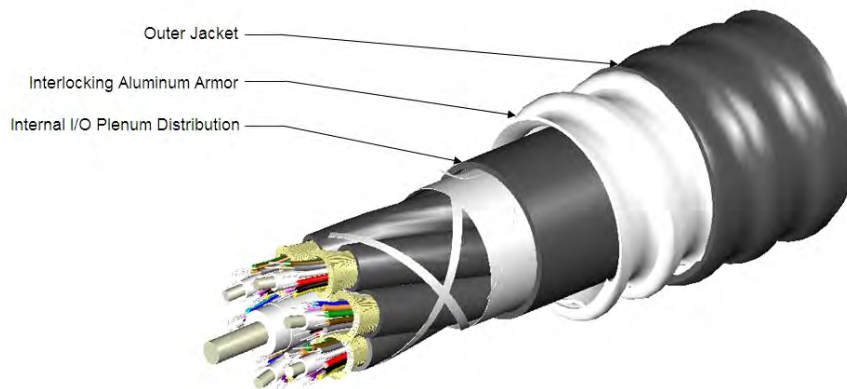




760134932 | P-024-OZ-8W-FSUBK

**Indoor/Outdoor Plenum Distribution Cable, interlocking aluminum armored with plenum jacket, 24 fiber single-unit**

## Representative Image



## General Specifications

Cable Type	Distribution
Construction Type	Armored

## Construction Materials

Fiber Type Solution	TeraSPEED®, zero water peak singlemode fiber (G.652.D, G.657.A1)
Total Fiber Count	24
Armor Type	Interlocking aluminum
Fiber Type	TeraSPEED®, zero water peak singlemode fiber (G.652.D, G.657.A1)
Fiber Type, quantity	24
Jacket Color	Black
Jacket UV Resistance	UV stabilized

## Dimensions

Cable Weight	146.0 lb/kft   218.0 kg/km
Diameter Over Armor	13.34 mm   0.53 in
Diameter Over Jacket	15.40 mm   0.61 in

## Physical Specifications

Minimum Bend Radius, loaded	30.7 cm   12.1 in
Minimum Bend Radius, unloaded	21.5 cm   8.5 in
Tensile Load, long term, maximum	90 lbf   400 N
Tensile Load, short term, maximum	300 lbf   1335 N

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Vertical Rise, maximum 187.0 m | 613.5 ft

## Flame Test Specifications

Flame Test Listing	NEC OFCP (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	485 lb/in   85 N/mm
Compression Test Method	FOTP-41   IEC 60794-1 E3
Flex	25 cycles
Flex Test Method	FOTP-104   IEC 60794-1 E6
Impact	25.80 ft lb   35.00 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 for internal cable)   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