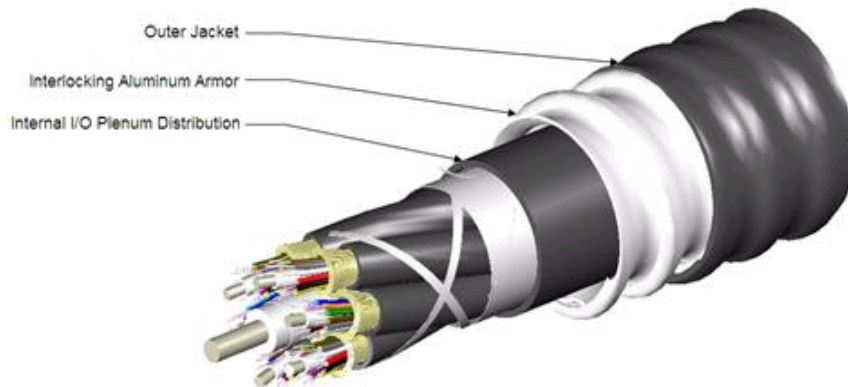




760134981 | P-024-OZ-5K-FSUBK

**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	LazrSPEED® 550, 50 µm multimode fiber
Total Fiber Quantity	24
Armor Type	Interlocking aluminum
Fiber Type	LazrSPEED® 550, 50 µm multimode fiber
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

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Tensile Load, long term, maximum 90 lbf | 400 N  
Tensile Load, short term, maximum 300 lbf | 1335 N  
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 60794-1-2, Section 7  
Flex 25 cycles  
Flex Test Method FOTP-104 | IEC 60794-1-2, Section 10  
Impact 25.80 ft lb | 35.00 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 for internal cable) | Telcordia GR-409-CORE Issue 2

## 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-5K-TB (Product Component—not orderable) — LazrSPEED® 550 OM4 Multimode Fiber