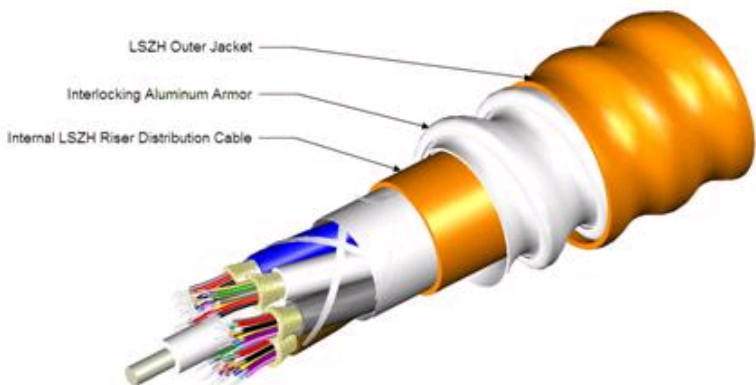


760125211 | N-024-DZ-5K-FSUAQ

Low Smoke Zero Halogen Riser Distribution Cable, interlocking aluminum armored with low smoke zero halogen riser jacket, 24 fiber single-unit

## Representative Image



## General Specifications

Cable Type	Distribution
Construction Type	Armored
Subunit Type	Gel-free

## 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	Aqua

## Dimensions

Cable Weight	142.0 lb/kft   211.0 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
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Minimum Bend Radius, unloaded	21.5 cm   8.5 in
Tensile Load, long term, maximum	400 N   90 lbf
Tensile Load, short term, maximum	1335 N   300 lbf
Vertical Rise, maximum	194.0 m   636.5 ft

## Flame Test Specifications

Flame Test Listing	NEC OFCR-LS (ETL) and c(ETL)
Flame Test Method	IEC 60332-3   IEC 60754-2   IEC 61034-2   IEEE 383   UL 1666   UL 1685

## Environmental Specifications

Environmental Space	Low Smoke Zero Halogen (LSZH)   Riser
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 +70 °C (-40 °F to +158 °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

## 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-83-596-2001   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-5K-TB (Product Component—not orderable) — LazrSPEED® 550 OM4 Multimode Fiber