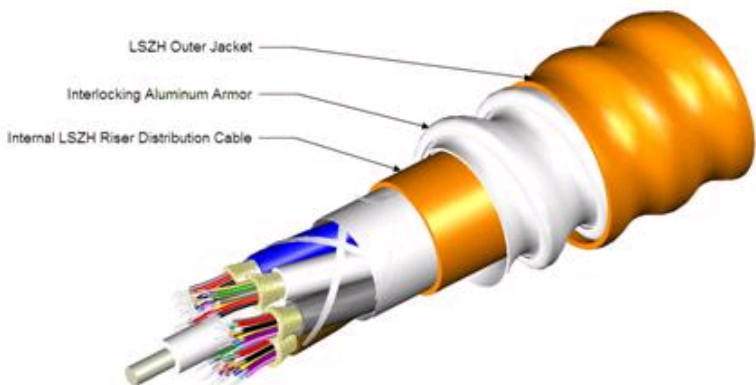


760157404 | N-002-DZ-5K-FSUAQ

Low Smoke Zero Halogen Riser Distribution Cable, interlocking aluminum armored with low smoke zero halogen riser jacket, 2 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	2
Armor Type	Interlocking aluminum
Fiber Type	LazrSPEED® 550, 50 µm multimode fiber
Fiber Type, quantity	2
Jacket Color	Aqua

Dimensions

Cable Weight	127.0 kg/km 85.0 lb/kft
Diameter Over Armor	10.80 mm 0.43 in
Diameter Over Jacket	12.80 mm 0.50 in

Physical Specifications

Minimum Bend Radius, loaded	25.7 cm 10.1 in
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Minimum Bend Radius, unloaded	18.0 cm 7.1 in
Tensile Load, long term, maximum	300 N 67 lbf
Tensile Load, short term, maximum	1001 N 225 lbf
Vertical Rise, maximum	242.0 m 794.0 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

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