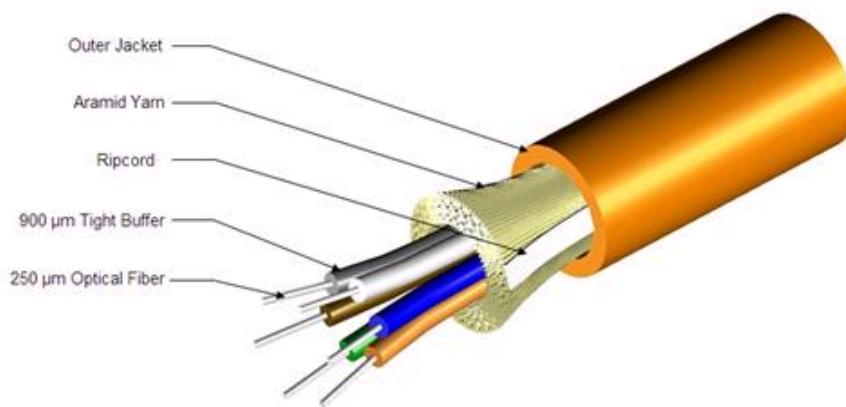


760101600 | N-012-DS-5L-FSUBK
Low Smoke Zero Halogen Riser Distribution Cable, 12 fiber single-unit

Representative Image



General Specifications

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

Construction Materials

Fiber Type Solution	LazrSPEED® 300, 50 µm multimode fiber
Total Fiber Quantity	12
Fiber Type	LazrSPEED® 300, 50 µm multimode fiber
Fiber Type, quantity	12
Jacket Color	Black

Dimensions

Cable Weight	22.8 lb/kft 34.0 kg/km
Diameter Over Jacket	6.20 mm 0.24 in

Physical Specifications

Minimum Bend Radius, loaded	9.2 cm 3.6 in
Minimum Bend Radius, unloaded	6.2 cm 2.4 in
Tensile Load, long term, maximum	400 N 90 lbf

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Tensile Load, short term, maximum 1335 N | 300 lbf
Vertical Rise, maximum 500.0 m | 1640.4 ft

Flame Test Specifications

Flame Test Listing NEC OFNR-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 10 N/mm | 57 lb/in
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

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

Regulatory Compliance/Certifications

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



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Included Products

CS-5L-TB (Product Component—not orderable) — LazrSPEED® 300 OM3 Multimode Fiber