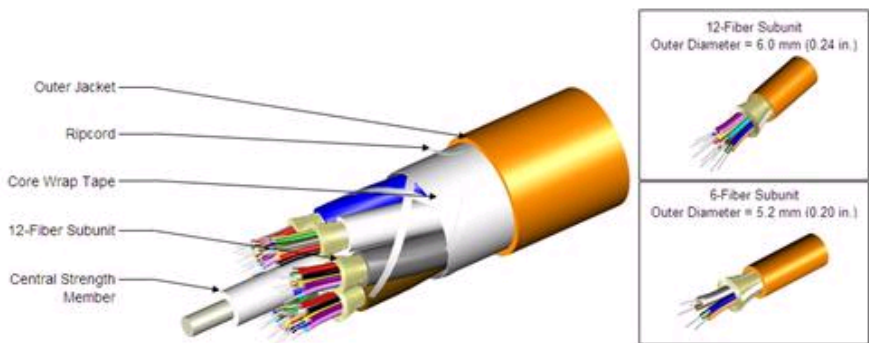


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Low Smoke Zero Halogen Riser Distribution Cable, 48 fiber multi-unit with 12 fiber subunits

Representative Image



General Specifications

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

Construction Materials

Fiber Type Solution	LazrSPEED® 150, 50 µm multimode fiber
Total Fiber Quantity	48
Fiber Type	LazrSPEED® 150, 50 µm multimode fiber
Fiber Type, quantity	48
Fibers Per Subunit, quantity	12
Jacket Color	Aqua

Dimensions

Buffer Tube/Subunit Diameter	6.20 mm 0.24 in
Cable Weight	151.0 lb/kft 224.0 kg/km
Diameter Over Jacket	16.40 mm 0.65 in
Subunit, quantity	4

Physical Specifications

Minimum Bend Radius, loaded	24.6 cm 9.7 in
Minimum Bend Radius, unloaded	16.4 cm 6.5 in
Tensile Load, long term, maximum	1068 N 240 lbf

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Tensile Load, short term, maximum 3560 N | 800 lbf
Vertical Rise, maximum 487.0 m | 1597.8 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
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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



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Included Products

CS-5M-TB (Product Component—not orderable) — LazrSPEED® 150 OM2+ Multimode Fiber