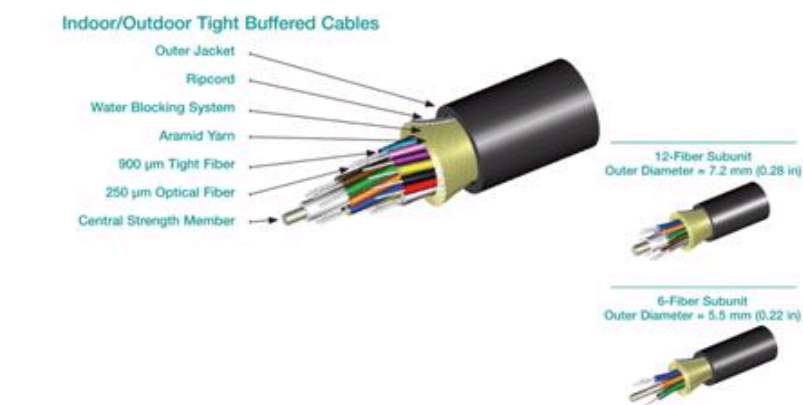


Representative Image



General Specifications

Cable Type	Distribution
Construction Type	Non-armored

Construction Materials

Fiber Type Solution	LazrSPEED® 150, 50 µm multimode fiber
Total Fiber Quantity	2
Fiber Type	LazrSPEED® 150, 50 µm multimode fiber
Fiber Type, quantity	2
Jacket Color	Black
Jacket UV Resistance	UV stabilized

Dimensions

Cable Weight	10.8 lb/kft 16.0 kg/km
Diameter Over Jacket	4.20 mm 0.17 in

Physical Specifications

Minimum Bend Radius, loaded	6.4 cm 2.5 in
Minimum Bend Radius, unloaded	4.2 cm 1.7 in
Tensile Load, long term, maximum	67 lbf 300 N

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Tensile Load, short term, maximum 225 lbf | 1001 N
Vertical Rise, maximum 500.0 m | 1640.4 ft

Flame Test Specifications

Flame Test Listing	NEC OFNP (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	126 lb/in 22 N/mm
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
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) 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-5M-TB (Product Component—not orderable) — LazrSPEED® 150 OM2+ Multimode Fiber