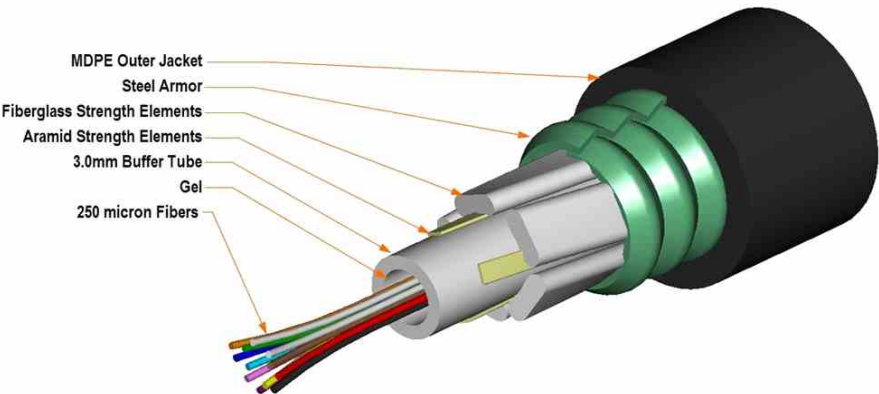




760146613 | O-002-DA-5L-F02NS
Single Jacket Single Armor Arid-Core Drop Cable

- Corrugated steel tape armor is strong yet flexible, providing additional crush and rodent protection

Representative Image



General Specifications

Cable Type	Central loose tube
Construction Type	Armored
Subunit Type	Gel-filled

Construction Materials

Fiber Type Solution	LazrSPEED® 300, 50 µm multimode fiber (OM3)
Jacket Material	PE
Total Fiber Count	2
Armor Type	Corrugated steel
Fiber Type	LazrSPEED® 300, 50 µm multimode fiber (OM3)
Fiber Type, quantity	2
Fibers per Subunit, quantity	2
Jacket Color	Black
Jacket UV Resistance	UV stabilized

Dimensions

Buffer Tube/Subunit Diameter	3.00 mm 0.12 in
Cable Weight	69.0 kg/km 46.0 lb/kft
Diameter Over Jacket	8.00 mm 0.31 in
Subunit, quantity	1

Physical Specifications

Minimum Bend Radius, loaded	12.0 cm 4.7 in
Minimum Bend Radius, unloaded	8.0 cm 3.1 in

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Tensile Load, long term, maximum 400 N | 90 lbf
Tensile Load, short term, maximum 1334 N | 300 lbf
Vertical Rise, maximum 595.0 m | 1952.1 ft

Environmental Specifications

Environmental Space	Aerial, lashed Buried
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	10 N/mm 57 lb/in
Compression Test Method	FOTP-41 IEC 60794-1 E3
Flex	35 cycles
Flex Test Method	FOTP-104 IEC 60794-1 E6
Impact	2.17 ft lb 2.94 N-m
Impact Test Method	FOTP-25 IEC 60794-1 E4
Strain	See long and short term tensile loads
Strain Test Method	FOTP-33 IEC 60794-1 E1
Twist	10 cycles
Twist Test Method	FOTP-85 IEC 60794-1 E7
Water Penetration	24 h
Water Penetration Test Method	FOTP-82 IEC 60794-1 F5

Environmental Test Specifications

Cable Freeze	-2 °C 28 °F
Cable Freeze Test Method	FOTP-98 IEC 60794-1 F15
Drip	70 °C 158 °F
Drip Test Method	FOTP-81 IEC 60794-1 E14
Heat Age	-40 °C to +85 °C (-40 °F to +185 °F)
Heat Age Test Method	IEC 60794-1 F9
Low High Bend	-30 °C to +60 °C (-22 °F to +140 °F)
Low High Bend Test Method	FOTP-37 IEC 60794-1 E11
Temperature Cycle	-40 °C to +70 °C (-40 °F to +158 °F)
Temperature Cycle Test Method	FOTP-3 IEC 60794-1 F1

Qualification Specifications

Cable Qualification Standards	ANSI/ICEA S-110-717 EN 187105 Telcordia GR-20
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Regulatory Compliance/Certifications

Agency	Classification
RoHS 2011/65/EU	Compliant
ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system



Included Products

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