

Fiber OSP cable, LazrSPEED® Single Jacket/Single Armor, Gel-Free, 60 fibers, Stranded Loose Tube, Multimode OM5, Feet jacket marking, Black jacket color

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

Product Classification

Regional Availability

Asia | Australia/New Zealand | EMEA | Latin America | North

America

 Portfolio
 CommScope®

 Product Type
 Fiber OSP cable

Product Series D-LA

General Specifications

Armor Type Corrugated steel

 Cable Type
 Stranded loose tube

Construction TypeArmoredSubunit TypeGel-free

Filler, quantity 0

Jacket ColorBlackJacket MarkingFeetSubunit, quantity5

Fibers per Subunit, quantity 12

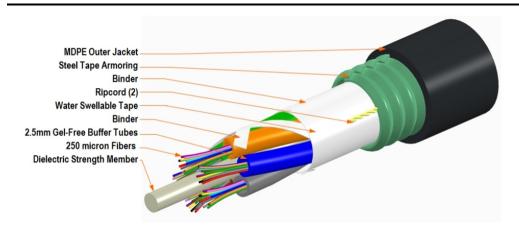
Total Fiber Count 60

Dimensions

Buffer Tube/Subunit Diameter2.5 mm | 0.098 inDiameter Over Jacket11.5 mm | 0.453 in

Representative Image





Material Specifications

Jacket Material PE

Mechanical Specifications

Minimum Bend Radius, loaded173 mm | 6.811 inMinimum Bend Radius, unloaded115 mm | 4.528 inTensile Load, long term, maximum800 N | 179.847 lbfTensile Load, short term, maximum2700 N | 606.984 lbf

 Compression
 22 N/mm | 125.623 lb/in

 Compression Test Method
 FOTP-41 | IEC 60794-1 E3

Flex 25 cycles

Flex Test Method FOTP-104 | IEC 60794-1 E6

Impact 4.41 N-m | 39.032 in lb

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

Vertical Rise, maximum 740 m | 2,427.822 ft

Optical Specifications

Fiber Type OM5, LazrSPEED® wideband | OM5, LazrSPEED® wideband



Environmental Specifications

Installation temperature $-30 \,^{\circ}\text{C to} + 70 \,^{\circ}\text{C } (-22 \,^{\circ}\text{F to} + 158 \,^{\circ}\text{F})$ Operating Temperature $-40 \,^{\circ}\text{C to} + 70 \,^{\circ}\text{C } (-40 \,^{\circ}\text{F to} + 158 \,^{\circ}\text{F})$ Storage Temperature $-40 \,^{\circ}\text{C to} + 75 \,^{\circ}\text{C } (-40 \,^{\circ}\text{F to} + 167 \,^{\circ}\text{F})$

Cable Qualification Standards ANSI/ICEA S-87-640 | EN 187105 | Telcordia GR-20

Environmental Space Aerial, lashed | Buried

Jacket UV Resistance UV stabilized

Water Penetration 24 h

Water Penetration Qualification Method ANSI/ICEA S-87-640

Water Penetration Test Method FOTP-82 | IEC 60794-1 F5

Environmental Test Specifications

Cable Freeze -2 °C | 28.4 °F

Cable Freeze Test Method FOTP-98 | IEC 60794-1 F15

Heat Age $-40 \,^{\circ}\text{C} \text{ to } +85 \,^{\circ}\text{C} \, (-40 \,^{\circ}\text{F to } +185 \,^{\circ}\text{F})$

Heat Age Test Method IEC 60794-1 F9

Low High Bend $-30 \,^{\circ}\text{C}$ to $+60 \,^{\circ}\text{C}$ (-22 $^{\circ}\text{F}$ to $+140 \,^{\circ}\text{F}$)

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

Packaging and Weights

Cable weight 110 kg/km | 73.917 lb/kft

Regulatory Compliance/Certifications

CHINA-ROHS Below maximum concentration value

Classification

ISO 9001:2015 Designed, manufactured and/or distributed under this quality management system

REACH-SVHC Compliant as per SVHC revision on www.commscope.com/ProductCompliance

ROHS Compliant

UK-ROHS Compliant



Agency



Included Products

CS-5G-LT – LazrSPEED® OM5 WideBand Multimode Fiber

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

