

Fiber Indoor/Outdoor Drop Cable, LazrSPEED®, Low Smoke Zero Halogen Single Jacket All-Dielectric Arid-Core, 12 fiber, Gel-filled, Multimode OM3, Feet jacket marking, Black jacket color, Dca flame rating

Product Classification

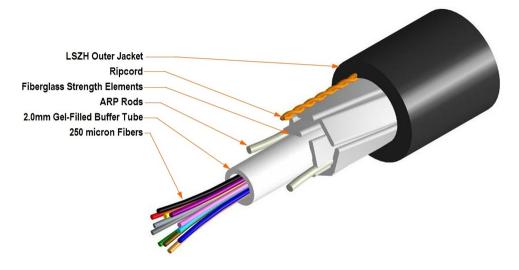
Regional Availability	Asia Australia/New Zealand EMEA Latin America North America
Portfolio	CommScope®
Product Type	Fiber drop cable
Product Series	Z-DN
General Specifications	
Cable Type	Riser rated low smoke
Construction Type	Non-armored
Subunit Type	Gel-filled
Jacket Color	Black
Jacket Marking	Feet
Subunit, quantity	1
Fibers per Subunit, quantity	12
Total Fiber Count	12
Dimensions	
Buffer Tube/Subunit Diameter	2 mm 0.079 in
Diameter Over Jacket	6.1 mm 0.24 in

Representative Image

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Material Specifications

Jacket Material

Mechanical Specifications

Minimum Bend Radius, loaded 91 mm | 3.583 in Minimum Bend Radius, unloaded 61 mm | 2.402 in Tensile Load, long term, maximum 400 N | 89.924 lbf Tensile Load, short term, maximum 1334 N | 299.895 lbf Compression 10 N/mm | 57.101 lb/in **Compression Test Method** FOTP-41 | IEC 60794-1 E3 Flex 35 cycles Flex Test Method FOTP-104 | IEC 60794-1 E6 Impact 2.21 N-m | 19.56 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 927 m | 3,041.339 ft

Optical Specifications

Fiber Type

OM3, LazrSPEED® 300 | OM3, LazrSPEED® 300

Low Smoke Zero Halogen (LSZH)

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Environmental Specifications

Installation temperature	-20 °C to +60 °C (-4 °F to +140 °F)	
Operating Temperature	-20 °C to +70 °C (-4 °F to +158 °F)	
Storage Temperature	-40 °C to +75 °C (-40 °F to +167 °F)	
Cable Qualification Standards	ANSI/ICEA S-110-717 EN 187105 Telcordia GR-409	
EN50575 CPR Cable EuroClass Fire Performance	Dca	
EN50575 CPR Cable EuroClass Smoke Rating	s2	
EN50575 CPR Cable EuroClass Droplets Rating	d1	
EN50575 CPR Cable EuroClass Acidity Rating	a1	
Environmental Space	Aerial, lashed Buried Low Smoke Zero Halogen (LSZH) Riser	
Flame Test Listing	NEC OFNR-ST1 (ETL) and c(ETL)	
Flame Test Method	IEC 60332-3 IEC 60754-2 IEC 61034-2 UL 1666 UL 1685	
Jacket UV Resistance	UV stabilized	
Water Penetration	24 h	
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
Drip	70 °C 158 °F
Drip Test Method	FOTP-81 IEC 60794-1 E14
Heat Age Test Method	IEC 60794-1 F9
Low High Bend	-20 °C to +60 °C (-4 °F to +140 °F)
Low High Bend Test Method	FOTP-37 IEC 60794-1 E11
Temperature Cycle	-20 °C to +70 °C (-4 °F to +158 °F)
Temperature Cycle Test Method	FOTP-3 IEC 60794-1 F1
Packaging and Weights	

Cable weight

44 kg/km | 29.567 lb/kft

Regulatory Compliance/Certifications

Classification

Agency CENELEC

EN 50575 compliant, Declaration of Performance (DoP) available

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ISO 9001:2015

Designed, manufactured and/or distributed under this quality management system

CENELEC

Included Products

CS-5L-LT – LazrSPEED® 300 OM3 Bend-Insensitive Multimode Fiber

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

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