

760070292 | Z-024-DS-5L-FSUBK

LazrSPEED® Indoor/Outdoor Low Smoke Zero Halogen Riser Distribution Cable, 24 fiber single-unit

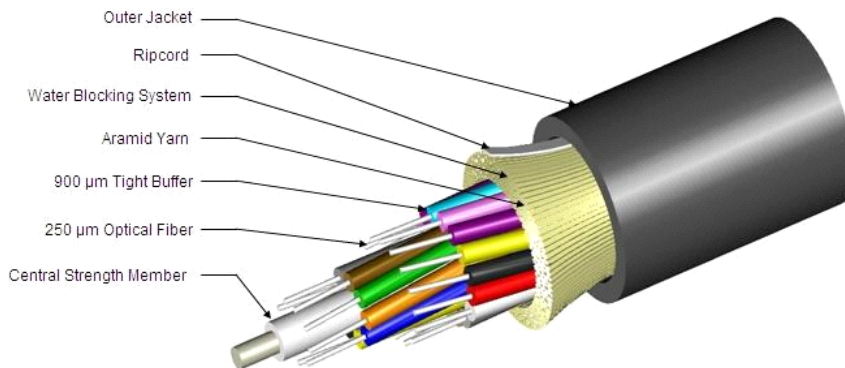
Product Classification

Portfolio	CommScope®
Brand	LazrSPEED®
Product Type	Fiber indoor/outdoor cable
Regional Availability	Asia Australia/New Zealand EMEA Latin America North America

Standards And Qualifications

EN50575 CPR Cable EuroClass Dca | s1a | d1 | a2

Representative Image



General Specifications

Construction Type	Non-armored
Cable Type	Distribution
Fiber Short Description	Z-024-DSSU

Construction Materials

Total Fiber Count	24
Fiber Type	LazrSPEED® 300, 50 µm multimode fiber (OM3)
Fiber Type Solution	LazrSPEED® 300, 50 µm multimode fiber (OM3)
Fiber Type, quantity	24
Jacket Color	Black
Jacket UV Resistance	UV stabilized

Dimensions

760070292 | Z-024-DS-5L-FSUBK

Cable Weight	45.0 lb/kft 67.0 kg/km
Diameter Over Jacket	8.70 mm 0.34 in

Physical Specifications

Minimum Bend Radius, loaded	13.0 cm 5.1 in
Minimum Bend Radius, unloaded	8.7 cm 3.4 in
Tensile Load, long term, maximum	90 lbf 400 N
Tensile Load, short term, maximum	300 lbf 1335 N
Vertical Rise, maximum	500.0 m 1640.4 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 +60 °C (-22 °F to +140 °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 E3
Flex	100 cycles
Flex Test Method	FOTP-104 IEC 60794-1 E6
Impact	4.34 ft lb 5.88 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 Test Method	IEC 60794-1 F15
Heat Age	-40 °C to +85 °C (-40 °F to +185 °F)
Heat Age Test Method	IEC 60794-1 F9
Low High Bend	-40 °C to +70 °C (-40 °F to +158 °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

760070292 | Z-024-DS-5L-FSUBK

Qualification Specifications

Cable Qualification Standards ANSI/ICEA S-104-696 | EN 187105 | Telcordia GR-20 (water penetration) | Telcordia GR-409

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-TB (Product Component—not orderable) — LazrSPEED® 300 OM3 Bend-Insensitive Multimode Fiber

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable