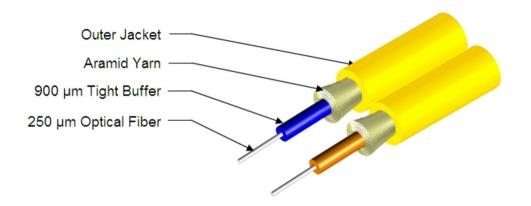# N-002-ZC-5L-F29

Fiber Indoor Cable, LazrSPEED® 2.9 mm Low Smoke Zero Halogen Riser, 2-fiber Zipcord, Multimode OM3, Feet jacket marking

Product Classification

Regional Availability	Asia | Australia/New Zealand | EMEA | Latin America | North America
Portfolio	CommScope®
Product Type	Fiber indoor cable
Product Series	N-ZC

General Specifications

Cable Type	Cordage
Construction Type	Non-armored
Subunit Type	Gel-free
Jacket Marking	Feet
Total Fiber Count	2

Dimensions

Height Over Jacket	2.9 mm | 0.114 in
Width Over Jacket	5.9 mm | 0.232 in

Representative Image

Mechanical Specifications

COMMSCOPE®

N-002-ZC-5L-F29

Minimum Bend Radius, loaded	44 mm | 1.732 in
Minimum Bend Radius, unloaded	23 mm | 0.906 in
Tensile Load, long term, maximum	120 N | 26.977 lbf
Tensile Load, short term, maximum	400 N | 89.924 lbf
Compression	10 N/mm | 57.101 lb/in
Compression Test Method	FOTP-41 | IEC 60794-1 E3
Flex	300 cycles
Flex Test Method	FOTP-104 | IEC 60794-1 E6
Impact	0.74 N-m | 6.55 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	500 m | 1,640.42 ft

Optical Specifications

Fiber Type	OM3, LazrSPEED® 300 | OM3, LazrSPEED® 300

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 +70 °C (-40 °F to +158 °F)
Cable Qualification Standards	ANSI/ICEA S-83-596 | Telcordia GR-409
Environmental Space	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

Environmental Test Specifications

Heat Age	-20 °C to +85 °C (-4 °F to +185 °F)
Heat Age Test Method	IEC 60794-1 F9
Low High Bend	-20 °C to +70 °C (-4 °F to +158 °F)
Low High Bend Test Method	FOTP-37 | IEC 60794-1 E11

COMMSCOPE®

N-002-ZC-5L-F29

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	18 kg/km	12.095 lb/kft

Regulatory Compliance/Certifications

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

Included Products

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

* Footnotes

Operating Temperature   Specification applicable to non-terminated bulk fiber cable

COMMSCOPE®