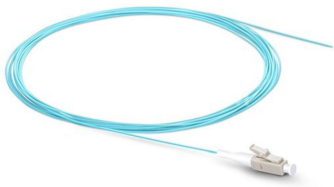


FBXLCUC11



LazrSPEED® 550 LC to Unconnectorized, Fiber Pigtail, 0.9 mm Riser - SBJ

Product Classification

Regional Availability	Asia Australia/New Zealand EMEA Latin America North America
Portfolio	CommScope®
Product Type	Fiber pigtail, simplex
Product Brand	LazrSPEED®
Ordering Note	For lengths greater than 999 ft (304 m), orders must be in meters Minimum length may vary based on cable configuration

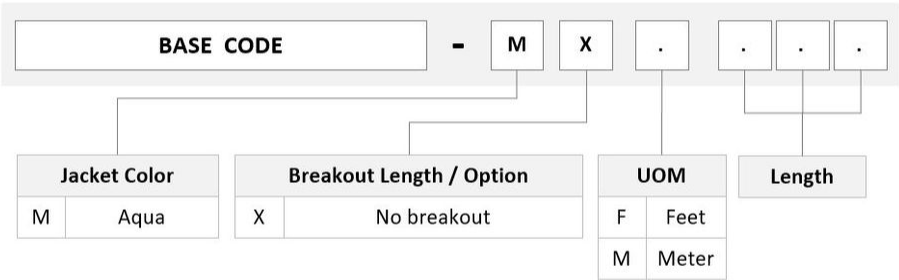
General Specifications

Color, connector A	Beige
Construction Type	Pigtail, jacketed
Interface, Connector A	LC/UPC
Total Fibers, quantity	1

Dimensions

Cable Assembly Length, minimum (ft)	2
Cable Assembly Length, maximum (ft)	23
Cable Assembly Length, minimum (m)	1
Cable Assembly Length, maximum (m)	7

Ordering Tree



Mechanical Specifications

Cable Retention Strength, maximum 2.00 lb @ 90 ° | 5.00 lb @ 0 °

Optical Specifications

Fiber Type OM4, LazrSPEED® 550

Insertion Loss, maximum, connector A 0.3 dB

Return Loss, minimum, connector A 27 dB

Environmental Specifications

Operating Temperature -10 °C to +60 °C (+14 °F to +140 °F)

Environmental Space Low Smoke Zero Halogen (LSZH) | Riser

FBXLCUC11

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
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



Included Products

- 460125271** — Behind The Wall Pre-Radiused LC Connector for 0.9 mm Fiber, multimode
- N-001-RF-5K-F09** — LazrSPEED® 0.9mm Low Smoke Zero Halogen Reinforced Buffered Fiber Cable

Behind The Wall Pre-Radiused LC Connector for 0.9 mm Fiber, multimode

Product Classification

Regional Availability	Asia Australia/New Zealand EMEA Latin America North America
Portfolio	CommScope®
Product Type	Fiber connector
Product Brand	LazrSPEED® OptiSPEED®

General Specifications

Body Style	BTW
Color	Beige
Ferrule Geometry	Pre-radiused
Interface	LC
Interface Feature	Standard

Dimensions

Length	32 mm 1.26 in
Compatible Cable Diameter	0.9 mm 0.035 in

Material Specifications

Ferrule Material	Zirconia
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Mechanical Specifications

Cable Retention Strength, maximum	1.00 lb @ 0 °
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Optical Specifications

Fiber Mode	Multimode
Insertion Loss Change, mating	0.3 dB
Optical Components Standard	ANSI/TIA-568-C.3
Insertion Loss Change, temperature	0.3 dB
Insertion Loss, maximum	0.3 dB
Return Loss, minimum	27 dB

Packaging and Weights

Packaging quantity 1

Regulatory Compliance/Certifications

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



* Footnotes

Insertion Loss Change, mating	Maximum insertion loss change after 500 matings
Insertion Loss Change, temperature	Maximum insertion loss change from -10 °C to +60 °C (+14 °F to +140 °F)

N-001-RF-5K-F09

LazrSPEED® 0.9mm Low Smoke Zero Halogen Reinforced Buffered Fiber Cable

Product Classification

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

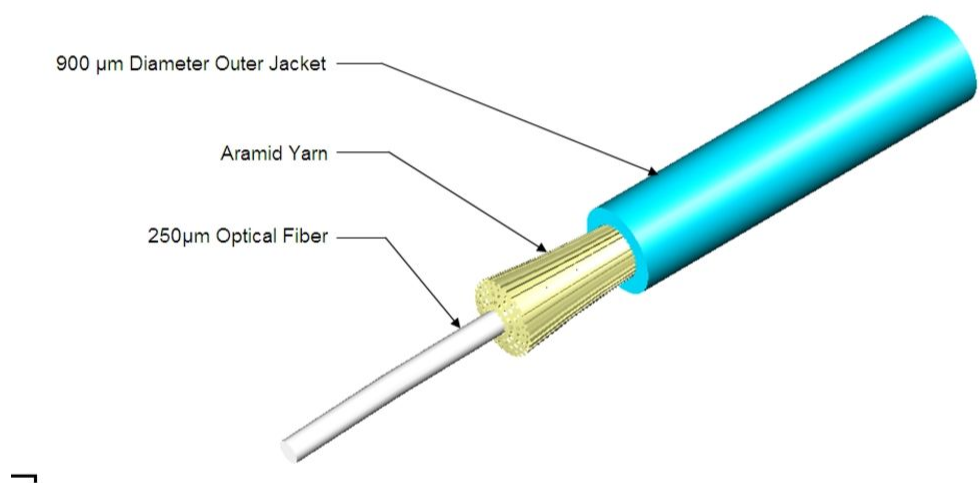
General Specifications

Cable Type	Cordage
Construction Type	Non-armored
Fiber Type, quantity	1
Subunit Type	Gel-free
Total Fiber Count	1

Dimensions

Diameter Over Jacket	0.9 mm 0.035 in
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Representative Image



Mechanical Specifications

Minimum Bend Radius, loaded	38 mm 1.496 in
Minimum Bend Radius, unloaded	15 mm 0.591 in
Tensile Load, long term, maximum	20 N 4.496 lbf
Tensile Load, short term, maximum	67 N 15.062 lbf
Compression	10 N/mm 1.751 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

N-001-RF-5K-F09

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	OM4, LazrSPEED® 550 OM4, LazrSPEED® 550
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Environmental Specifications

Installation temperature	-10 °C to +50 °C (+14 °F to +122 °F)
Operating Temperature	-20 °C to +60 °C (-4 °F to +140 °F)
Storage Temperature	-20 °C to +60 °C (-4 °F to +140 °F)
Cable Qualification Standards	ANSI/CEA S-83-596 Telcordia GR-409
Environmental Space	Low Smoke Zero Halogen (LSZH) Riser
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 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
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	1 kg/km 7.233 lb/kft
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Regulatory Compliance/Certifications

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



N-001-RF-5K-F09

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable