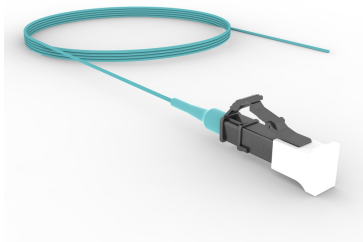


FBXLCUC11



OM4 LC/UPC to Unconnectorized, Fiber Pigtail, 0.9 mm SBJ

Product Classification

Regional Availability	Asia Australia/New Zealand Europe Latin America Middle East /Africa North America
Portfolio	CommScope®
Product Type	Fiber pigtail, unjacketed
Product Brand	SYSTIMAX InstaPATCH® 360
Ordering Note	Minimum length may vary based on cable configuration

General Specifications

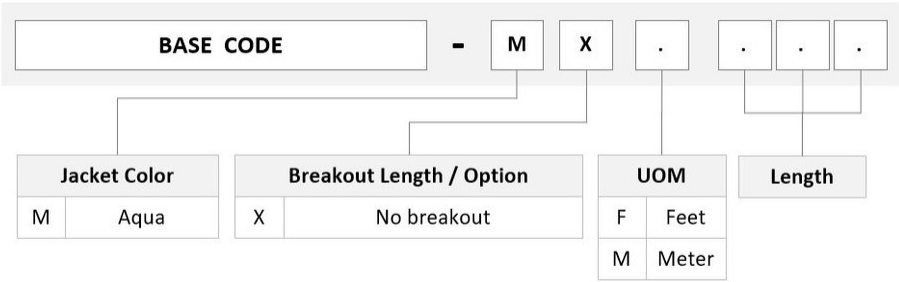
Color, boot A	Aqua
Color, connector A	Black
Interface, Connector A	LC/UPC
Jacket Color	Aqua
Total Fibers, quantity	1
Transmission Standards	TIA/EIA-568-C.3

Dimensions

Cable Assembly Length Range (m)	1 – 61
Cable Assembly Length Range (ft)	2 – 200

Ordering Tree

FBXLCUC11



Mechanical Specifications

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

Optical Specifications

Fiber Mode Multimode
Fiber Type OM4, LazrSPEED®

Environmental Specifications

Operating Temperature -10 °C to +60 °C (+14 °F to +140 °F)
Environmental Space Low Smoke Zero Halogen (LSZH)

Packaging and Weights

Packaging quantity 2

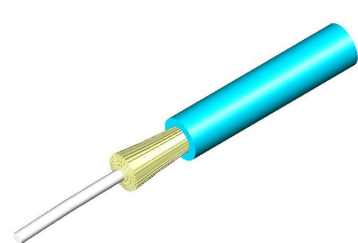
Regulatory Compliance/Certifications

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

760010603	–	LazrSPEED® 0.9 mm Low Smoke Zero Halogen Reinforced Buffered Fiber
N-001-RF-5K-F09AQ		Cable
860657284	–	LC/UPC Connector, Multimode, Aqua



LazrSPEED® 0.9 mm 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
Product Series	N-RF

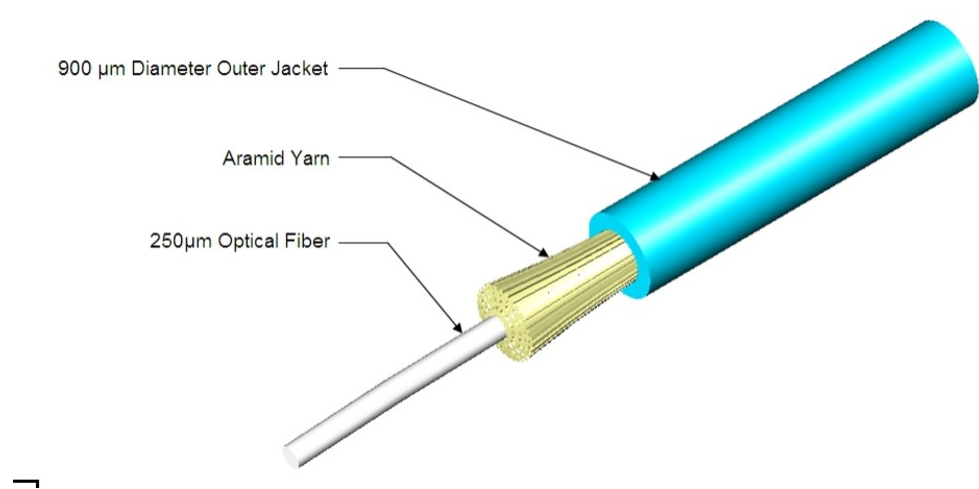
General Specifications

Cable Type	Cordage
Construction Type	Non-armored
Fiber Type, quantity	1
Jacket Color	Aqua
Jacket Marking	Feet
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 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	OM4, LazrSPEED® 550 OM4, bend insensitive
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Environmental Specifications

760010603 | N-001-RF-5K-F09AQ

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/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 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 0.672 lb/kft
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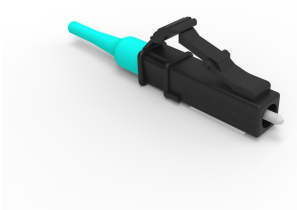
Regulatory Compliance/Certifications

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



* Footnotes

Operating Temperature	Specification applicable to non-terminated bulk fiber cable
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LC/UPC Connector, Multimode, Aqua

Product Classification

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

General Specifications

Color, boot	Aqua
Color, housing	Black
Interface	LC
Interface Feature	UPC

Dimensions

Length	39.6 mm 1.559 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	0.2 dB
Optical Components Standard	ANSI/TIA-568. 3-D IEC 61753-1
Insertion Loss Change, temperature	0.2 dB
Insertion Loss, maximum	0.24 dB
Return Loss, minimum	27 dB

* Footnotes

Insertion Loss Change, mating	TIA-568: 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)