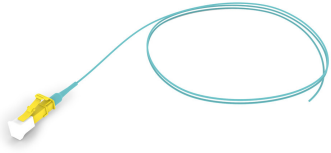


# FBXL2UC11

---

## Base Product



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

## Product Classification

<b>Regional Availability</b>	Asia   Australia/New Zealand   Europe   Latin America   Middle East /Africa   North America
<b>Portfolio</b>	CommScope®
<b>Product Type</b>	Fiber pigtail, unjacketed
<b>Product Brand</b>	SYSTIMAX InstaPATCH® 360
<b>Product Series</b>	FBX
<b>Ordering Note</b>	For lengths greater than 999 ft (304 m), orders must be in meters   Minimum length may vary based on cable configuration

## General Specifications

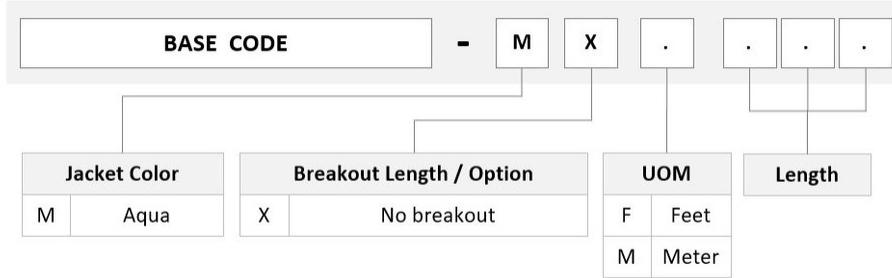
<b>Color, boot A</b>	Aqua
<b>Color, connector A</b>	Yellow
<b>Interface, Connector A</b>	LC/UPC
<b>Interface Feature, connector A</b>	Keyed
<b>Jacket Color</b>	Aqua
<b>Total Fibers, quantity</b>	1

## Dimensions

<b>Cable Assembly Length Range (m)</b>	1 – 20
<b>Cable Assembly Length Range (ft)</b>	1 – 66

## Ordering Tree

# FBXL2UC11



## 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)

## Regulatory Compliance/Certifications

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

## Included Products

- |                 |   |   |
|-----------------|---|---|
| 760102574       | - | LazrSPEED®, OptiSPEED® Pre-Radiused Behind The Wall Keyed LC Connector for 0.9 mm   |
| MFC-LCR-09-KYL  |   | Fiber, multimode, yellow  |
| N-001-RF-5K-F09 | - | Fiber Indoor Cable, LazrSPEED® 0.9 mm Low Smoke Zero Halogen Reinforced Buffered, 1 |
|                 |   | fiber, Multimode OM4, Gel-free, Meters jacket marking                               |



LazrSPEED®, OptiSPEED® Pre-Radiused Behind The Wall Keyed LC Connector for 0.9 mm Fiber, multimode, yellow

## Product Classification

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

## General Specifications

<b>Body Style</b>	BTW
<b>Color</b>	Yellow
<b>Ferrule Geometry</b>	Pre-radiused
<b>Interface</b>	LC/UPC
<b>Interface Feature</b>	Keyed

## Dimensions

<b>Length</b>	52 mm   2.047 in
<b>Compatible Cable Diameter</b>	0.9 mm   0.035 in

## Material Specifications

<b>Ferrule Material</b>	Zirconia
-------------------------	----------

## Mechanical Specifications

<b>Cable Retention Strength, maximum</b>	1.00 lb @ 0 °
--	---------------

## Optical Specifications

<b>Fiber Mode</b>	Multimode
<b>Insertion Loss Change, mating</b>	0.3 dB
<b>Optical Components Standard</b>	ANSI/TIA-568-C.3

<b>Insertion Loss Change, temperature</b>	0.3 dB
<b>Insertion Loss, typical</b>	0.2 dB
<b>Return Loss, minimum</b>	50 dB

## Packaging and Weights

<b>Packaging quantity</b>	1
---------------------------	---

## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
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 <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant
UK-ROHS	Compliant



## \* Footnotes

<b>Insertion Loss Change, mating</b>	TIA-568: Maximum insertion loss change after 500 matings
<b>Insertion Loss Change, temperature</b>	Maximum insertion loss change from -10 °C to +60 °C (+14 °F to +140 °F)

# N-001-RF-5K-F09

---

Fiber Indoor Cable, LazrSPEED® 0.9 mm Low Smoke Zero Halogen Reinforced Buffered, 1 fiber, Multimode OM4, Gel-free, Meters jacket marking

## Product Classification

<b>Regional Availability</b>	Asia   Australia/New Zealand   EMEA   Latin America   North America
<b>Portfolio</b>	CommScope®
<b>Product Type</b>	Fiber indoor cable
<b>Product Series</b>	N-RF

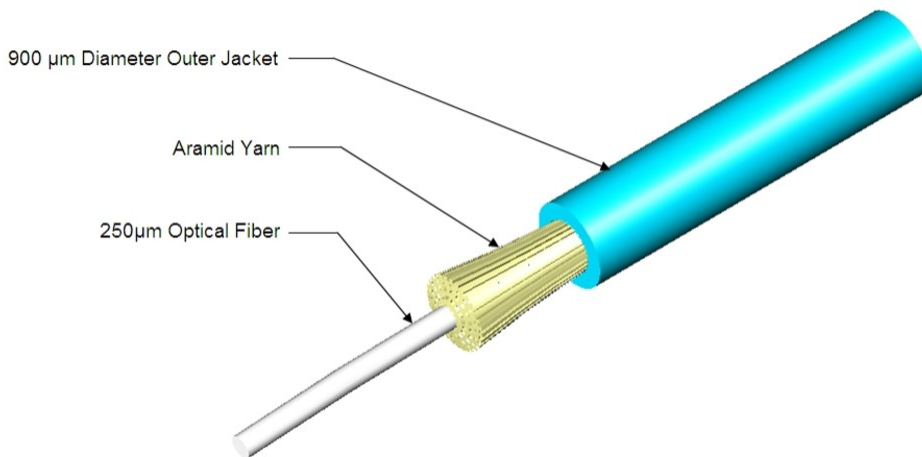
## General Specifications

<b>Cable Type</b>	Cordage
<b>Construction Type</b>	Non-armored
<b>Subunit Type</b>	Gel-free
<b>Jacket Marking</b>	Feet
<b>Total Fiber Count</b>	1

## Dimensions

<b>Diameter Over Jacket</b>	0.9 mm   0.035 in
-----------------------------	-------------------

## Representative Image



## Mechanical Specifications

<b>Minimum Bend Radius, loaded</b>	38 mm   1.496 in
------------------------------------	------------------

# N-001-RF-5K-F09

---

<b>Minimum Bend Radius, unloaded</b>	15 mm   0.591 in
<b>Tensile Load, long term, maximum</b>	20 N   4.496 lbf
<b>Tensile Load, short term, maximum</b>	67 N   15.062 lbf
<b>Compression</b>	10 N/mm   57.101 lb/in
<b>Compression Test Method</b>	FOTP-41   IEC 60794-1 E3
<b>Flex</b>	300 cycles
<b>Flex Test Method</b>	FOTP-104   IEC 60794-1 E6
<b>Impact</b>	0.74 N-m   6.55 in lb
<b>Impact Test Method</b>	FOTP-25   IEC 60794-1 E4
<b>Strain</b>	See long and short term tensile loads
<b>Strain Test Method</b>	FOTP-33   IEC 60794-1 E1
<b>Twist</b>	10 cycles
<b>Twist Test Method</b>	FOTP-85   IEC 60794-1 E7
<b>Vertical Rise, maximum</b>	500 m   1,640.42 ft

## Optical Specifications

<b>Fiber Type</b>	OM4, LazrSPEED® 550   OM4, bend insensitive
-------------------	---

## Environmental Specifications

<b>Installation temperature</b>	-10 °C to +50 °C (+14 °F to +122 °F)
<b>Operating Temperature</b>	-20 °C to +60 °C (-4 °F to +140 °F)
<b>Storage Temperature</b>	-20 °C to +60 °C (-4 °F to +140 °F)
<b>Cable Qualification Standards</b>	ANSI/ICEA S-83-596   Telcordia GR-409
<b>Environmental Space</b>	Low Smoke Zero Halogen (LSZH)   Riser
<b>Flame Test Listing</b>	NEC OFNR-ST1 (ETL) and c(ETL)
<b>Flame Test Method</b>	IEC 60332-3   IEC 60754-2   IEC 61034-2   UL 1666   UL 1685

## Environmental Test Specifications

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

# N-001-RF-5K-F09

---

**Temperature Cycle Test Method** FOTP-3 | IEC 60794-1 F1

## Packaging and Weights

**Cable weight** 1 kg/km | 0.672 lb/kft

## Regulatory Compliance/Certifications

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

## \* Footnotes

**Operating Temperature** Specification applicable to non-terminated bulk fiber cable