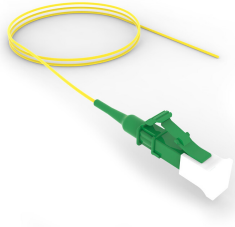


# FBWLAUC11

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## Base Product



TeraSPEED® LC APC to Unconnectorized, Fiber Pigtail, 0.9 mm SBJ

## Product Classification

<b>Regional Availability</b>	Asia   Australia/New Zealand   China   Europe   India   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>	FBW
<b>Ordering Note</b>	Minimum length may vary based on cable configuration

## General Specifications

<b>Color, boot A</b>	Green
<b>Color, connector A</b>	Green
<b>Interface, Connector A</b>	LC/APC
<b>Jacket Color</b>	Yellow
<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



# FBWLAUC11

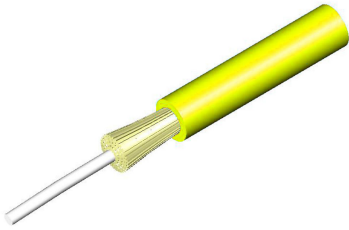
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- LC/APC Connector, Singlemode, Green

# 760004564 | N-001-RF-8W-F09YL

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Fiber Indoor Cable, TeraSPEED® 0.9 mm Low Smoke Zero Halogen Reinforced Buffered, 1 fiber, Singlemode G.652.D and G.657.A1, Gel-free, Feet jacket marking, Yellow jacket color

## 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

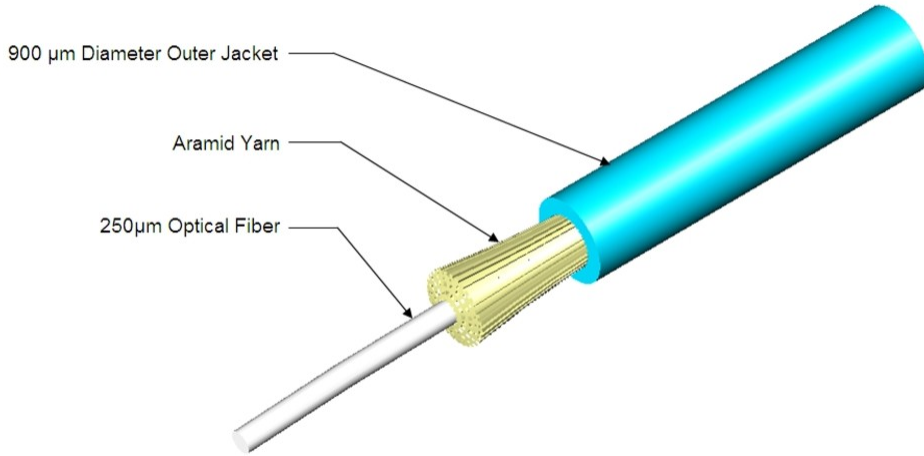
## General Specifications

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

## Dimensions

<b>Diameter Over Jacket</b>	0.9 mm   0.035 in
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## Representative Image



## Mechanical Specifications

<b>Minimum Bend Radius, loaded</b>	38 mm   1.496 in
<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>	G.652.D and G.657.A1, TeraSPEED®
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## Environmental Specifications

# 760004564 | N-001-RF-8W-F09YL

<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)
<b>Temperature Cycle Test Method</b>	FOTP-3   IEC 60794-1 F1

## Packaging and Weights

<b>Cable weight</b>	1 kg/km   0.672 lb/kft
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## 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

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

## LC/APC Connector, Singlemode, Green



### 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>Color, boot</b>	Green
<b>Color, housing</b>	Green
<b>Interface</b>	LC/APC

### Dimensions

<b>Length</b>	39.6 mm   1.559 in
<b>Compatible Cable Diameter</b>	0.9 mm   0.035 in

### Material Specifications

<b>Ferrule Material</b>	Zirconia
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### Mechanical Specifications

<b>Cable Retention Strength, maximum</b>	1.00 lb @ 0 °
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### Optical Specifications

<b>Fiber Mode</b>	Singlemode
<b>Insertion Loss Change, mating</b>	0.2 dB
<b>Optical Components Standard</b>	ANSI/TIA-568. 3-D   IEC 61753-1
<b>Insertion Loss Change, temperature</b>	0.2 dB
<b>Insertion Loss, ULL, maximum</b>	0.34 dB
<b>Return Loss, minimum</b>	65 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)