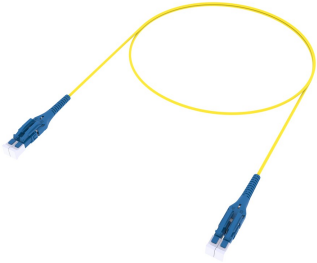


# UFG LULUK2

## Base Product



## Ultra Low Loss Singlemode, LC/UPC Uniboot to LC/UPC Uniboot, 1.5 mm Duplex Fiber Patch Cord, Low Smoke Zero Halogen/Riser

- Patch cords using Uniboot technology combine, modularity, flexibility with easy insertion and removal from connectivity
- Uniboot connectors feature an adjustable polarity via a manual and independent rotation of each single connector body without exposing the fibers
- Uniboot technology features a push-pull mechanism operated by squeezing the connector boot
- \*Product complies with the Build America, Buy America Act (BABAA) requirements of the Infrastructure Investment and Jobs Act of 2021 (Pub. L. 117- 58, §§ 70901-70953), or is the subject of a waiver approved by the Secretary of Commerce or designee. Compliance requirements and waiver applicability vary based on government funding program. Check the laws and regulations for your specific program.

## Product Classification

### Regional Availability

Asia | Australia/New Zealand | Europe | Latin America | Middle East /Africa | North America

### Portfolio

CommScope®

### Product Type

Fiber patch cord, duplex

### Product Brand

SYSTIMAX ULL

### Product Series

UFG

### Government Requirements

Build America Buy America (BABA) compliant\*

### 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

Blue

### Color, connector B

Blue

### Interface, Connector A

LC/UPC

### Interface Feature, connector A

Uniboot

### Interface, Connector B

LC/UPC

### Interface Feature, connector B

Uniboot

### Jacket Color

Yellow

### Location of Manufacturing

Claremont, North Carolina

### Total Fibers, quantity

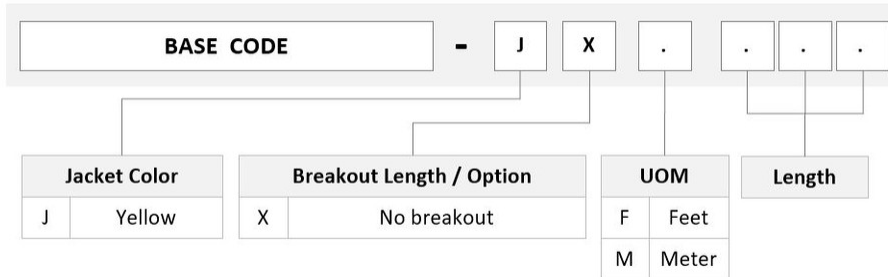
2

# UFGLULUK2

## Dimensions

<b>Cable Assembly Length Range (m)</b>	1 – 999
<b>Cable Assembly Length Range (ft)</b>	1 – 999
<b>Diameter Over Jacket</b>	1.5 mm   0.059 in

## Ordering Tree



## Mechanical Specifications

<b>Cable Retention Strength, maximum</b>	11.24 lb @ 0 °   4.40 lb @ 90 °
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## Optical Specifications

<b>Fiber Mode</b>	Singlemode
<b>Fiber Type</b>	G.657.A2, TeraSPEED®
<b>Insertion Loss, maximum</b>	0.25 dB
<b>Insertion Loss, typical</b>	0.2 dB
<b>Return Loss, minimum</b>	50 dB

## Environmental Specifications

<b>Operating Temperature</b>	-10 °C to +60 °C (+14 °F to +140 °F)
<b>Environmental Space</b>	Dual Rated LSZH/Riser

## Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Above maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
ROHS	Compliant/Exempted

# UFGLULUK2

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UK-ROHS

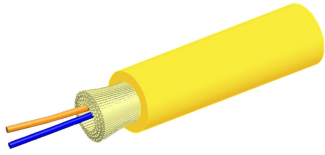
Compliant/Exempted



## Included Products

- 760251279  
N-002-DU-8G1-M15YL/AY/LTS – Fiber indoor cable, Low Smoke Zero Halogen Light Duty Interconnect, 2 fiber, Singlemode G. 657.A2/B2, Meters jacket marking, Yellow jacket color
- 860660826 – LC UniBoot 1.5 mm Single mode Blue LC/UPC UNIBOOT duplex connector

Fiber indoor cable, Low Smoke Zero Halogen Light Duty Interconnect, 2 fiber, Singlemode G.657.A2/B2, Meters jacket marking, Yellow jacket color



## Product Classification

<b>Regional Availability</b>	EMEA
<b>Portfolio</b>	CommScope®
<b>Product Type</b>	Fiber indoor cable
<b>Product Series</b>	N-MP

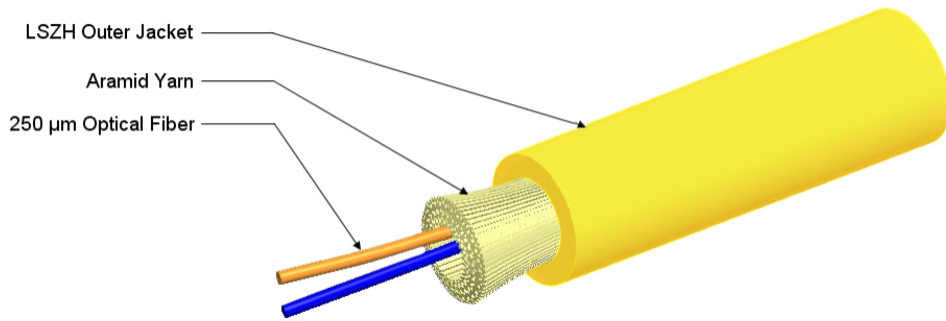
## General Specifications

<b>Cable Type</b>	MPO trunk cable
<b>Construction Type</b>	Non-armored
<b>Subunit Type</b>	Gel-free
<b>Jacket Color</b>	Yellow
<b>Jacket Marking</b>	Meters
<b>Total Fiber Count</b>	2

## Dimensions

<b>Diameter Over Armor</b>	1.5 mm   0.059 in
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## Representative Image



## Mechanical Specifications

<b>Minimum Bend Radius, loaded</b>	30 mm   1.181 in
<b>Minimum Bend Radius, unloaded</b>	20 mm   0.787 in
<b>Tensile Load, long term, maximum</b>	30 N   6.744 lbf
<b>Tensile Load, short term, maximum</b>	100 N   22.481 lbf
<b>Compression</b>	4 N/mm   22.841 lb/in
<b>Compression Test Method</b>	IEC 60794-1 E3
<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>	IEC 60794-1 E1
<b>Twist</b>	10 cycles
<b>Twist Test Method</b>	IEC 60794-1 E7

## Optical Specifications

<b>Fiber Type</b>	G.657.A2/B2   OS2
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## Environmental Specifications

<b>Installation temperature</b>	0 °C to +50 °C (+32 °F to +122 °F)
<b>Operating Temperature</b>	-10 °C to +60 °C (+14 °F to +140 °F)
<b>Storage Temperature</b>	-40 °C to +70 °C (-40 °F to +158 °F)
<b>Cable Qualification Standards</b>	IEC 60794-1-2
<b>Environmental Space</b>	Indoor

## Environmental Test Specifications

<b>Heat Age</b>	0 °C to +85 °C (+32 °F to +185 °F)
<b>Heat Age Test Method</b>	IEC 60794-1 F9
<b>Temperature Cycle</b>	-10 °C to +60 °C (+14 °F to +140 °F)
<b>Temperature Cycle Test Method</b>	IEC 60794-1 F1

## Packaging and Weights

<b>Cable weight</b>	2.1 kg/km   1.411 lb/kft
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## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
CHINA-ROHS	Below maximum concentration value
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

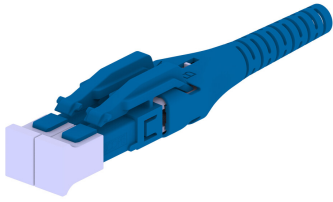


## \* Footnotes

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

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LC UniBoot 1.5 mm Single mode Blue LC/UPC UNIBOOT duplex connector

## 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
<b>Product Brand</b>	SYSTIMAX ULL   TeraSPEED®
<b>Product Series</b>	Uniboot

## General Specifications

<b>Body Style</b>	Duplex
<b>Color</b>	Blue
<b>Interface</b>	LC/UPC
<b>Interface Feature</b>	Uniboot

## Dimensions

<b>Compatible Cable Diameter</b>	1.5 mm   0.059 in
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## Material Specifications

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

<b>Cable Retention Strength, maximum</b>	11.24 lb @ 0 °   4.40 lb @ 90 °
<b>Mechanical Components Standard</b>	IEC 61754-7

## Optical Specifications

<b>Fiber Mode</b>	Singlemode
<b>Fiber Type</b>	G.652.D   G.657.A2   OS2
<b>Insertion Loss Change, mating</b>	0.25 dB
<b>Optical Components Standard</b>	ANSI/TIA-568-C.3
<b>Insertion Loss, ULL, maximum</b>	0.25 dB

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**Insertion Loss, ULL, typical** 0.2 dB

**Return Loss, minimum** 50 dB

## Packaging and Weights

**Packaging quantity** 1

## \* Footnotes

**Insertion Loss Change, mating** TIA-568: Maximum insertion loss change after 500 matings