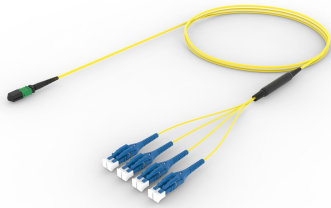


# URGQXLUF8

Base Product



Ultra Low Loss (ULL) Singlemode MPO8 (Pinned) to LC/UPC Uniboot, Fiber Array Cable Assembly, 8-Fiber, Dual Rated (OFNR/LSZH)

## Product Classification

### Regional Availability

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

### Portfolio

CommScope®

### Product Type

Fiber array cable assembly

### Product Brand

Propel | SYSTIMAX ULL

### Ordering Note

For additional jacket colors, please contact a CommScope Sales Representative | For lengths greater than 999 ft (304 m), orders must be in meters | Minimum length may vary based on cable configuration

## General Specifications

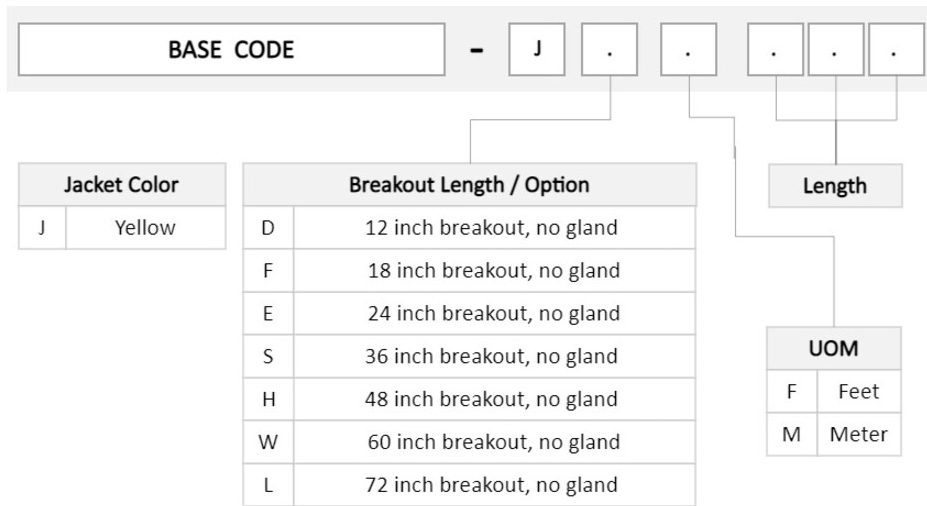
<b>Connector A, quantity</b>	1
<b>Color, boot A</b>	Gray
<b>Color, connector A</b>	Green
<b>Connector B, quantity</b>	4
<b>Color, boot B</b>	Blue
<b>Color, connector B</b>	Blue
<b>Construction Type</b>	Stranded
<b>Furcation Color</b>	Yellow
<b>Interface, Connector A</b>	MPO-08/APC Male
<b>Interface, Connector B</b>	LC/UPC
<b>Jacket Color</b>	Yellow
<b>Polarity</b>	Method B Enhanced (ULL)
<b>Fibers per Subunit, quantity</b>	8
<b>Total Fibers, quantity</b>	8

## Dimensions

# URGQXLUF8

<b>Breakout Length</b>	12 in   24 in   48 in   60 in   72 in
<b>Cable Assembly Length Range (m)</b>	1 – 304
<b>Cable Assembly Length Range (ft)</b>	2 – 999

## 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®

## Environmental Specifications

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

## Regulatory Compliance/Certifications

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

# URGQXLUF8

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## Included Products

- 760253739 - Low Smoke Zero Halogen Riser Light Duty Interconnect Cable, 8 fiber
- N-008-MP-8G1-F20YL/E
- 860650412 - TeraSPEED® LC UniBoot 2.0MM UPC/LC UNIBOOT CONNECTOR KIT
- 860659022 - MPO-08, ULTRA LOW LOSS, MALE, Singlemode, GREEN, 2mm



Low Smoke Zero Halogen Riser Light Duty Interconnect Cable, 8 fiber

## 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-MP

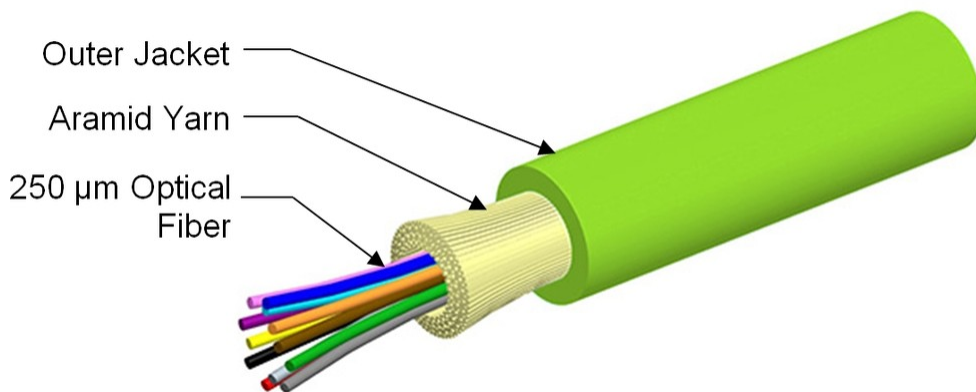
## General Specifications

<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>	Feet
<b>Total Fiber Count</b>	8

## Dimensions

<b>Diameter Over Armor</b>	2 mm   0.079 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>	16 mm   0.63 in
<b>Tensile Load, long term, maximum</b>	33 N   7.419 lbf
<b>Tensile Load, short term, maximum</b>	111 N   24.954 lbf
<b>Compression</b>	4 N/mm   22.841 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.657.A2, TeraSPEED®
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## Environmental Specifications

<b>Installation temperature</b>	0 °C to +60 °C (+32 °F to +140 °F)
<b>Operating Temperature</b>	0 °C to +70 °C (+32 °F to +158 °F)
<b>Storage Temperature</b>	-40 °C to +70 °C (-40 °F to +158 °F)
<b>Cable Qualification Standards</b>	ANSI/ICEA S-83-596   Telcordia GR-409
<b>EN50575 CPR Cable EuroClass Fire Performance</b>	Eca
<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>	0 °C to +85 °C (+32 °F to +185 °F)
<b>Heat Age Test Method</b>	IEC 60794-1 F9

# 760253739 | N-008-MP-8G1-F20YL/E

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<b>Low High Bend</b>	0 °C to +70 °C (+32 °F to +158 °F)
<b>Low High Bend Test Method</b>	FOTP-37   IEC 60794-1 E11
<b>Temperature Cycle</b>	0 °C to +70 °C (+32 °F to +158 °F)
<b>Temperature Cycle Test Method</b>	FOTP-3   IEC 60794-1 F1

## Packaging and Weights

<b>Cable weight</b>	3.7 kg/km   2.486 lb/kft
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## \* Footnotes

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

## TeraSPEED® LC UniBoot 2.0MM UPC/LC UNIBOOT CONNECTOR KIT

### 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>	2 mm   0.079 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 °
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### 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
<b>Return Loss, minimum</b>	50 dB

### Packaging and Weights

**Packaging quantity**

1

## 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

UK-ROHS

Compliant/Exempted



### \* Footnotes

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



# 860659022

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MPO-08, ULTRA LOW LOSS, MALE, Singlemode, GREEN, 2mm

## 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>	TeraSPEED®

## General Specifications

<b>Color</b>	Green
<b>Color, boot</b>	Black
<b>Ferrule Geometry</b>	Angled
<b>Interface</b>	MPO/APC Male
<b>Interface Feature</b>	Pinned
<b>Total Fiber Count</b>	8

## Dimensions

<b>Compatible Cable Diameter</b>	2 mm   0.079 in
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## Material Specifications

<b>Ferrule Material</b>	Polymer
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## Optical Specifications

<b>Fiber Mode</b>	Singlemode
<b>Fiber Type</b>	G.657.A2
<b>Optical Components Standard</b>	ANSI/TIA-568-C.3
<b>Insertion Loss, maximum</b>	0.35 dB
<b>Return Loss, minimum</b>	65 dB

## Packaging and Weights

**Packaging quantity** 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

