

# URXQZUCF8

## Base Product



Ultra Low Loss (ULL) OM4 MPO8 APC (Pinned) to Unconnectorized, Fiber Trunk Cable Assembly, 8-Fiber, Dual Rated (OFNR/LSZH)

## 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 array cable assembly
<b>Product Brand</b>	Propel   SYSTIMAX ULL
<b>Ordering Note</b>	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>	0
<b>Construction Type</b>	Stranded
<b>Furcation Color</b>	Aqua
<b>Interface, Connector A</b>	MPO-08/APC Male
<b>Interface, Connector B</b>	Unterminated
<b>Jacket Color</b>	Aqua
<b>Polarity</b>	Method B Enhanced (ULL)
<b>Fibers per Subunit, quantity</b>	8
<b>Total Fibers, quantity</b>	8

## Dimensions

<b>Cable Assembly Length Range (m)</b>	1 – 305
<b>Cable Assembly Length Range (ft)</b>	1 – 999

# URXQZUCF8

## Ordering Tree



## Mechanical Specifications

**Cable Retention Strength, maximum** 11.24 lb @ 0 ° | 4.40 lb @ 90 °

## Optical Specifications

**Fiber Mode** Multimode

**Fiber Type** OM4, LazrSPEED®

## Environmental Specifications

**Operating Temperature** -10 °C to +60 °C (+14 °F to +140 °F)

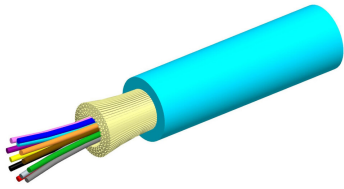
**Environmental Space** Dual Rated LSZH/Riser | Indoor

## Regulatory Compliance/Certifications

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

## Included Products

- 760251447 N-008-MP-5K-F20AQ/E – LazrSPEED® Low Smoke Zero Halogen Riser Light Duty Interconnect Cable, 8 fiber
- 860662230 – MPO8,U LL,Multimode,MALE,APC,GREEN,2 mm



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

## Product Classification

### Regional Availability

Asia | Australia/New Zealand | EMEA | Latin America | North America

### Portfolio

CommScope®

### Product Type

Fiber indoor cable

### Product Series

N-MP

## General Specifications

### Cable Type

MPO trunk cable

### Construction Type

Non-armored

### Subunit Type

Gel-free

### Jacket Color

Aqua

### Jacket Marking

Feet

### Total Fiber Count

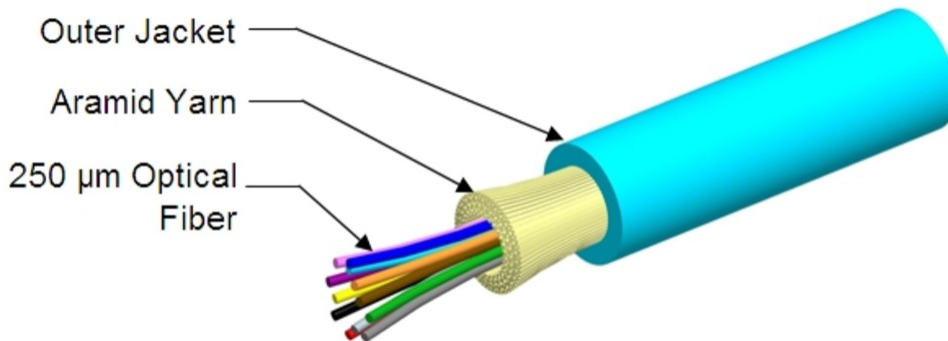
8

## Dimensions

### Diameter Over Armor

2 mm | 0.079 in

## 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>	OM4, LazrSPEED® 550
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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

# 760251447 | N-008-MP-5K-F20AQ/E

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**Low High Bend** 0 °C to +70 °C (+32 °F to +158 °F)

**Low High Bend Test Method** FOTP-37 | IEC 60794-1 E11

**Temperature Cycle** 0 °C to +70 °C (+32 °F to +158 °F)

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

## Packaging and Weights

**Cable weight** 3.7 kg/km | 2.486 lb/kft

## \* Footnotes

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

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MPO8,ULL,Multimode,MALE,APC,GREEN,2 mm

## 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>	LazrSPEED®

## 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>Length</b>	60.1 mm   2.366 in
<b>Compatible Cable Diameter</b>	2 mm   0.079 in

## Material Specifications

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

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

<b>Fiber Mode</b>	Multimode
<b>Fiber Type</b>	OM4, LazrSPEED®
<b>Insertion Loss Change, mating</b>	0.3 dB
<b>Optical Components Standard</b>	ANSI/TIA-568-C.3

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<b>Insertion Loss Change, temperature</b>	0.3 dB
<b>Insertion Loss, maximum</b>	0.2 dB
<b>Return Loss, minimum</b>	45 dB

## Packaging and Weights

<b>Packaging quantity</b>	1
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## \* 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)