

# U3XQXUCT8

---

## Base Product



Ultra Low Loss (ULL) OM4 MPO8 (Pinned) to unconnectorized, Fiber Trunk Cable Assembly, 8-Fiber, LZSH B2ca

## Product Classification

<b>Regional Availability</b>	Europe
<b>Portfolio</b>	CommScope®
<b>Product Type</b>	Fiber trunk 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>	Aqua
<b>Connector B, quantity</b>	0
<b>Construction Type</b>	Stranded
<b>Furcation Color</b>	Aqua
<b>Interface, Connector A</b>	MPO-08/UPC 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>Breakout Length</b>	22 in
<b>Cable Assembly Length Range (m)</b>	3 – 305

# U3XQXUCT8

Cable Assembly Length Range (ft)

10 – 999

## 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)

**EN50575 CPR Cable EuroClass Fire Performance**

B2ca

**Environmental Space**

Indoor | Low Smoke Zero Halogen (LSZH)

## Regulatory Compliance/Certifications

**Agency**

ANATEL

**Classification**

Compliant

ISO 9001:2015

Designed, manufactured and/or distributed under this quality management system



## Included Products

# U3XQXUCT8

---

- 760253116  
N-008-MP-5K-F08AQ/20T/B2 - Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser MPO Trunk with 2.0mm Subunits, 8 fiber, Multimode OM4, Gel-free, Feet jacket marking, Aqua jacket color, B2ca flame rating
- 860659018 - MPO-08, ULTRA LOW LOSS, MALE, OM3/4, AQUA, 2mm

# 760253116 | N-008-MP-5K-F08AQ/20T/B2



Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser MPO Trunk with 2.0mm Subunits, 8 fiber, Multimode OM4, Gel-free, Feet jacket marking, Aqua jacket color, B2ca flame rating

## Product Classification

<b>Regional Availability</b>	Asia   Australia/New Zealand   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>	Aqua
<b>Jacket Marking</b>	Feet
<b>Subunit, quantity</b>	1
<b>Total Fiber Count</b>	8

## Dimensions

<b>Buffer Tube/Subunit Diameter</b>	2 mm   0.079 in
<b>Diameter Over Jacket</b>	5.3 mm   0.209 in

## Representative Image



## Mechanical Specifications

<b>Minimum Bend Radius, loaded</b>	80 mm   3.15 in
<b>Minimum Bend Radius, unloaded</b>	53 mm   2.087 in
<b>Tensile Load, long term, maximum</b>	133 N   29.9 lbf
<b>Tensile Load, short term, maximum</b>	445 N   100.04 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>	25 cycles
<b>Flex Test Method</b>	FOTP-104   IEC 60794-1 E6
<b>Impact</b>	2.94 N-m   26.021 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>	412 m   1,351.706 ft

## Optical Specifications

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

## Environmental Specifications

<b>Installation temperature</b>	0 °C to +60 °C (+32 °F to +140 °F)
---------------------------------	------------------------------------

# 760253116 | N-008-MP-5K-F08AQ/20T/B2

---

<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>	B2ca
<b>EN50575 CPR Cable EuroClass Smoke Rating</b>	s1a
<b>EN50575 CPR Cable EuroClass Droplets Rating</b>	d0
<b>EN50575 CPR Cable EuroClass Acidity Rating</b>	a1
<b>Environmental Space</b>	Low Smoke Zero Halogen (LSZH)
<b>Flame Test Method</b>	IEC 60332-3   IEC 60754-2   IEC 61034-2

## Environmental Test Specifications

<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

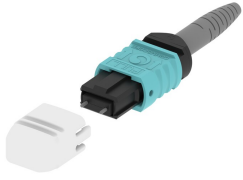
<b>Cable weight</b>	33 kg/km   22.175 lb/kft
---------------------	--------------------------

## \* Footnotes

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

# 860659018

---



MPO-08, ULTRA LOW LOSS, MALE, OM3/4, AQUA, 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>	LazrSPEED®

## General Specifications

<b>Color</b>	Aqua
<b>Color, boot</b>	Black
<b>Ferrule Geometry</b>	Flat
<b>Interface</b>	MPO/UPC Male
<b>Interface Feature</b>	Pinned
<b>Total Fiber Count</b>	8

## Dimensions

<b>Compatible Cable Diameter</b>	2 mm   0.079 in
----------------------------------	-----------------

## Material Specifications

<b>Ferrule Material</b>	Polymer
-------------------------	---------

## Optical Specifications

<b>Fiber Mode</b>	Multimode
<b>Fiber Type</b>	OM3   OM4
<b>Optical Components Standard</b>	ANSI/TIA-568-C.3
<b>Insertion Loss, ULL, maximum</b>	0.2 dB
<b>Return Loss, minimum</b>	27 dB

## Packaging and Weights

**Packaging quantity**

1

## Regulatory Compliance/Certifications

**Agency**

**Classification**

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 [www.commscope.com/ProductCompliance](http://www.commscope.com/ProductCompliance)

ROHS

Compliant

UK-ROHS

Compliant

