## U3XQXQXT8

### **Base Product**



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

## Product Classification

Regional Availability	Europe
Portfolio	CommScope®
Product Type	Fiber trunk 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

Connector A, quantity	1
Color, boot A	Gray
Color, connector A	Aqua
Connector B, quantity	1
Color, boot B	Gray
Color, connector B	Aqua
Construction Type	Stranded
Furcation Color	Aqua
Interface, Connector A	MPO-08/UPC Male
Interface, Connector B	MPO-08/UPC Male
Jacket Color	Aqua
Polarity	Method B Enhanced (ULL)
Fibers per Subunit, quantity	8
Total Fibers, quantity	8

### Dimensions

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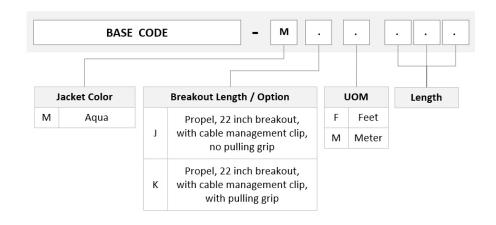
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## U3XQXQXT8

Breakout Length	22 in
Cable Assembly Length Range (m)	3 - 305
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	Classification
ANATEL	Compliant
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system



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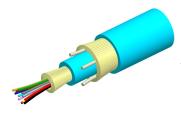
### Included Products

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

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## 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

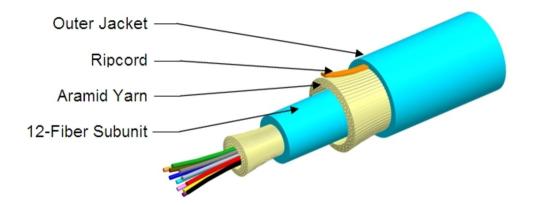
Regional Availability	Asia   Australia/New Zealand   EMEA
Portfolio	CommScope®
Product Type	Fiber indoor cable
Product Series	N-MP
General Specifications	
Cable Type	MPO trunk cable
Construction Type	Non-armored
Subunit Type	Gel-free
Jacket Color	Aqua
Jacket Marking	Feet
Subunit, quantity	1
Total Fiber Count	8
Dimensions	
Buffer Tube/Subunit Diameter	2 mm   0.079 in
Diameter Over Jacket	5.3 mm   0.209 in

## Representative Image

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



### Mechanical Specifications

Minimum Bend Radius, loaded	80 mm   3.15 in
Minimum Bend Radius, unloaded	53 mm   2.087 in
Tensile Load, long term, maximum	133 N   29.9 lbf
Tensile Load, short term, maximum	445 N   100.04 lbf
Compression	10 N/mm   57.101 lb/in
Compression Test Method	FOTP-41   IEC 60794-1 E3
Flex	25 cycles
Flex Test Method	FOTP-104   IEC 60794-1 E6
Impact	2.94 N-m   26.021 in lb
Impact Test Method	FOTP-25   IEC 60794-1 E4
Strain	See long and short term tensile loads
Strain Test Method	FOTP-33   IEC 60794-1 E1
Twist	10 cycles
Twist Test Method	FOTP-85   IEC 60794-1 E7
Vertical Rise, maximum	412 m   1,351.706 ft
Optical Specifications	

Fiber Type

OM4, LazrSPEED® 550

### Environmental Specifications

#### Installation temperature

0 °C to +60 °C (+32 °F to +140 °F)

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

Operating Temperature	0 °C to +70 °C (+32 °F to +158 °F)
Storage Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Cable Qualification Standards	ANSI/ICEA S-83-596   Telcordia GR-409
EN50575 CPR Cable EuroClass Fire Performance	B2ca
EN50575 CPR Cable EuroClass Smoke Rating	sla
EN50575 CPR Cable EuroClass Droplets Rating	d0
EN50575 CPR Cable EuroClass Acidity Rating	a1
Environmental Space	Low Smoke Zero Halogen (LSZH)
Flame Test Method	IEC 60332-3   IEC 60754-2   IEC 61034-2

## Environmental Test Specifications

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	33 kg/km   22.175 lb/kft

## \* Footnotes

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

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## 860659018



## MPO-08, ULTRA LOW LOSS, MALE, OM3/4, AQUA, 2mm

## Product Classification

Regional Availability	Asia   Australia/New Zealand   EMEA   Latin America   North America
Portfolio	CommScope®
Product Type	Fiber connector
Product Brand	LazrSPEED®
General Specifications	
Color	Aqua
Color, boot	Black
Ferrule Geometry	Flat
Interface	MPO/UPC Male
Interface Feature	Pinned
Total Fiber Count	8
Dimensions	
Compatible Cable Diameter	2 mm   0.079 in
Material Specifications	
Ferrule Material	Polymer
Optical Specifications	
Fiber Mode	Multimode
Fiber Type	OM3   OM4
Optical Components Standard	ANSI/TIA-568-C.3
Insertion Loss, ULL, maximum	0.2 dB
Return Loss, minimum	27 dB

## Packaging and Weights

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## 860659018

#### Packaging quantity

1

### Regulatory Compliance/Certifications

#### Agency

#### Classification

CHINA-ROHS ISO 9001:2015

REACH-SVHC

ROHS

UK-ROHS



Below maximum concentration value Designed, manufactured and/or distributed under this quality management system Compliant as per SVHC revision on www.commscope.com/ProductCompliance Compliant

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