## UHVQXQXT8

#### **Base Product**



Ultra Low Loss (ULL) OM5 MPO8 UPC (pinned) to MPO8 UPC (pinned) Fiber Trunk Cable Assembly, 8-Fiber, Armored Indoor Plenum

#### Product Classification

Regional Availability

Asia | Australia/New Zealand | China | Europe | India | Latin

America | Middle East/Africa | North America

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 Lime green

Connector B, quantity

Color, boot B Gray

Color, connector B Lime green

Construction Type Armored | Stranded

Furcation Color Lime green

 Interface, Connector A
 MPO-08/UPC Male

 Interface, Connector B
 MPO-08/UPC Male

**Jacket Color** Lime green

Polarity Method B Enhanced (ULL)

Fibers per Subunit, quantity 8

Total Fibers, quantity 8

Dimensions

Breakout Length 22 in

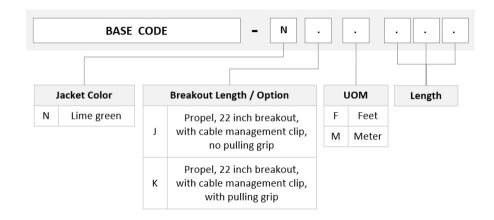
COMMSCOPE®

### UHVQXQXT8

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** OM5, LazrSPEED®

#### **Environmental Specifications**

**Operating Temperature**  $-10 \,^{\circ}\text{C}$  to  $+60 \,^{\circ}\text{C}$  (+14  $^{\circ}\text{F}$  to +140  $^{\circ}\text{F}$ )

Environmental Space Indoor | Plenum

### Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Above 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
ROHS	Compliant/Exempted
UK-ROHS	Compliant/Exempted



# UHVQXQXT8



#### Included Products

760256043 P-008-MZ-5G-F08LM/20T

860659021

- Fiber indoor cable, LazrSPEED® Plenum MPO Trunk, interlocking aluminum armored with plenum jacket, 8 fiber, Gel-free, Multimode OM5, Feet jacket marking, Lime green jacket color
- MPO8, LL, MALE, OM5, LIME, 2MM



### 760256043 | P-008-MZ-5G-F08LM/20T



Fiber indoor cable, LazrSPEED® Plenum MPO Trunk, interlocking aluminum armored with plenum jacket, 8 fiber, Gel-free, Multimode OM5, Feet jacket marking, Lime green jacket color

#### **Product Classification**

Regional Availability

Asia | Australia/New Zealand | Latin America | Middle East

/Africa | North America

 Portfolio
 CommScope®

 Product Type
 Fiber indoor cable

**Product Series** P-MZ

General Specifications

Armor Type Interlocking aluminum

Cable Type MPO trunk cable

Construction TypeArmoredSubunit TypeGel-free

Filler, quantity 3

Jacket Color Lime green

Jacket MarkingFeetSubunit, quantity1Fibers per Subunit, quantity8Total Fiber Count8

**Dimensions** 

**Buffer Tube/Subunit Diameter** 2 mm | 0.079 in

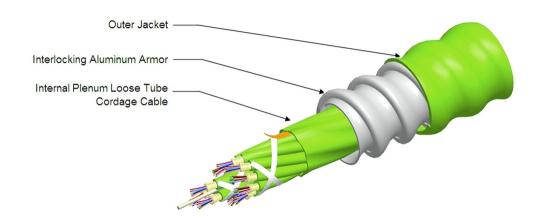
 Diameter Over Armor
 14.61 mm | 0.575 in

 Diameter Over Jacket
 16.6 mm | 0.654 in

Representative Image



## 760256043 | P-008-MZ-5G-F08LM/20T



#### Mechanical Specifications

Minimum Bend Radius, loaded250 mm9.843 inMinimum Bend Radius, unloaded166 mm6.535 inTensile Load, long term, maximum133 N29.9 lbfTensile Load, short term, maximum445 N100.04 lbf

 Compression
 85 N/mm | 485.363 lb/in

 Compression Test Method
 FOTP-41 | IEC 60794-1 E3

Flex 300 cycles

Flex Test Method FOTP-104 | IEC 60794-1 E6

**Impact** 35 N-m | 309.776 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** 60 m | 196.85 ft

**Optical Specifications** 

Fiber Type OM5, LazrSPEED® wideband | OM5, LazrSPEED® wideband

**Environmental Specifications** 

**Installation temperature**  $0 \, ^{\circ}\text{C} \text{ to } +70 \, ^{\circ}\text{C} \text{ (+32 } ^{\circ}\text{F to } +158 \, ^{\circ}\text{F)}$ 

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## 760256043 | P-008-MZ-5G-F08LM/20T

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

Storage Temperature  $-40 \,^{\circ}\text{C} \text{ to } +70 \,^{\circ}\text{C} \, (-40 \,^{\circ}\text{F to } +158 \,^{\circ}\text{F})$ 

Cable Qualification Standards ANSI/ICEA S-83-596 | Telcordia GR-409

Environmental Space Plenum

Flame Test Listing

NEC OFCP (ETL) and c(ETL)

Flame Test Method

NFPA 130 | NFPA 262

**Environmental Test Specifications** 

**Heat Age** 0 °C to +85 °C (+32 °F to +185 °F)

**Heat Age Test Method** IEC 60794-1 F9

**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**  $0 \degree \text{C to } +70 \degree \text{C (} +32 \degree \text{F to } +158 \degree \text{F)}$ 

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

Packaging and Weights

**Cable weight** 228 kg/km | 153.209 lb/kft

\* Footnotes

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



### 860659021



#### MPO8, LL, MALE, OM5, LIME, 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** Lime green

Color, boot Gray
Ferrule Geometry Flat

Interface MPO/UPC Male

Interface Feature Pinned

Total Fiber Count 8

**Dimensions** 

**Length** 60.1 mm | 2.366 in

**Compatible Cable Diameter** 2 mm | 0.079 in

Material Specifications

Ferrule Material Polymer

Mechanical Specifications

Cable Retention Strength, maximum 11.24 lb @ 0  $^{\circ}$ 

**Optical Specifications** 

**Fiber Mode** Singlemode

**Fiber Type** OM5, LazrSPEED®

**Insertion Loss Change, mating** 0.2 dB

Optical Components Standard ANSI/TIA-568-C.3

**COMMSCOPE®** 

## 860659021

Insertion Loss, maximum0.27 dBReturn Loss, minimum27 dB

Packaging and Weights

Packaging quantity 1

\* Footnotes

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

