# UHXRZRZ8R

#### **Base Product**



Ultra Low Loss (ULL) OM4 MPO16 APC (pinned) to MPO16 APC (pinned), Fiber Trunk Cable Assembly, 16-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 Black
Color, connector A Green

Connector B, quantity

Color, boot B Black
Color, connector B Green

Construction Type Armored | Stranded

Furcation Color Aqua

Interface, Connector AMPO-16/APC MaleInterface, Connector BMPO-16/APC Male

Jacket Color Aqua

Polarity Method B Enhanced (ULL)

Fibers per Subunit, quantity 16

Total Fibers, quantity 16

**Dimensions** 

COMMSC PE®

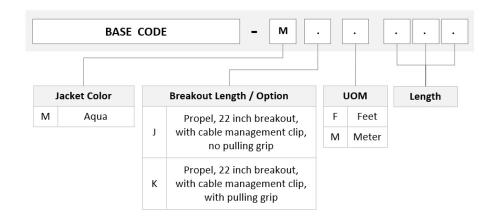
# UHXRZRZ8R

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  $^{\circ}$  | 4.40 lb @ 90  $^{\circ}$ 

**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 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

**COMMSCOPE®** 

# UHXRZRZ8R



### Included Products

760256201 P-016-MZ-5K-F16AQ

860659158

- Fiber indoor cable, Plenum MPO Trunk, interlocking aluminum armored with plenum jacket, 16 fiber, OM4 multi-mode, Gel-free, Feet jacket marking, Aqua jacket color
- Fiber Optic Connector Kit, multimode, OM3/OM4, MPO-16/APC, ULL, pinned, green, for 3 mm

# 760256201 | P-016-MZ-5K-F16AQ



Fiber indoor cable, Plenum MPO Trunk, interlocking aluminum armored with plenum jacket, 16 fiber, OM4 multi-mode, Gel-free, Feet jacket marking, Aqua 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 Aqua

Jacket Marking Feet

Subunit, quantity 1

Fibers per Subunit, quantity 16

Total Fiber Count 16

**Dimensions** 

**Buffer Tube/Subunit Diameter** 3 mm | 0.118 in

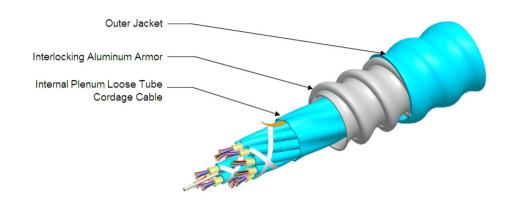
 Diameter Over Armor
 15.88 mm | 0.625 in

 Diameter Over Jacket
 17.9 mm | 0.705 in

Representative Image



# 760256201 | P-016-MZ-5K-F16AQ



### Mechanical Specifications

Minimum Bend Radius, loaded 269 mm | 10.591 in

Minimum Bend Radius, unloaded 179 mm | 7.047 in

Tensile Load, long term, maximum 400 N | 89.924 lbf

Tensile Load, short term, maximum 1335 N | 300.12 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** 160 m | 524.934 ft

**Optical Specifications** 

Fiber Type OM4, LazrSPEED® 550

**Environmental Specifications** 

**Installation temperature** 0 °C to +70 °C (+32 °F to +158 °F)

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# 760256201 | P-016-MZ-5K-F16AQ

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

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 °C to +70 °C (+32 °F to +158 °F)

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

Packaging and Weights

**Cable weight** 252 kg/km | 169.336 lb/kft

\* Footnotes

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



## 860659158



Fiber Optic Connector Kit, multimode, OM3/OM4, MPO-16/APC, ULL, pinned, green, for 3 mm cable

#### **Product Classification**

Regional Availability

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

 Portfolio
 CommScope®

 Product Type
 Fiber connector

 Product Brand
 LazrSPEED®

General Specifications

ColorGreenColor, bootBlackFerrule GeometryAngled

Interface MPO/APC Male

Interface FeaturePinnedTotal Fiber Count16

**Dimensions** 

Length60.1 mm | 2.366 inCompatible Cable Diameter3 mm | 0.118 in

Material Specifications

Ferrule Material Polymer

Mechanical Specifications

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

**Optical Specifications** 

Fiber ModeMultimodeFiber TypeOM3 | OM4

**Insertion Loss Change, mating** 0.3 dB

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

**COMMSCOPE®** 

# 860659158

Insertion Loss Change, temperature0.3 dBInsertion Loss, maximum0.2 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

ROHS Compliant UK-ROHS Compliant



### \* Footnotes

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

Insertion Loss Change, temperature Maximum insertion loss change from -10 °C to +60 °C (+14 °F to +140 °F)

