# UKXRZRZ8R

#### **Base Product**



Ultra Low Loss (ULL) OM4 MPO16 APC (pinned) to MPO16 APC (pinned), Fiber Trunk Cable Assembly, 16-Fiber, Armored Indoor Dual Rated (OFNR /LSZH)

#### **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 ABlackColor, connector AGreenConnector B, quantity1

Color, boot BBlackColor, connector BGreen

Construction Type Armored | Stranded

Furcation Color Aqua

 Interface, Connector A
 MPO-16/APC Male

 Interface, Connector B
 MPO-16/APC Male

**Jacket Color** Aqua

Polarity Method B Enhanced (ULL)

Fibers per Subunit, quantity 16

Total Fibers, quantity 16

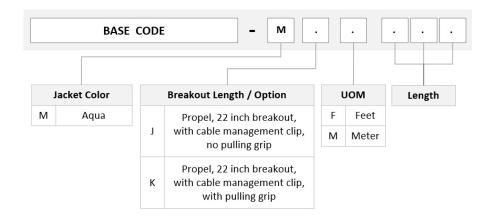
Dimensions



# UKXRZRZ8R

Breakout Length22 inCable Assembly Length Range (m)3 - 305Cable 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**  $-10 \,^{\circ}\text{C}$  to  $+60 \,^{\circ}\text{C}$  (+14  $^{\circ}\text{F}$  to +140  $^{\circ}\text{F}$ )

EN50575 CPR Cable EuroClass Fire Performance Dca

Environmental Space Dual Rated LSZH/Riser | Indoor

## 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

Page 2 of 8



# **UKXRZRZ8R**

UK-ROHS

Compliant/Exempted



### Included Products

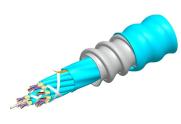
760256193 N-016-MZ-5K-F16AQ/30T/B2

860659158

- Fiber indoor cable, Riser/LSZH rated, MPO Trunk, interlocking aluminum armored, OM4 multi-mode, 16 fiber, Feet jacket marking, Aqua jacket color, B2ca flame rating
- Fiber Optic Connector Kit, multimode, OM3/OM4, MPO-16/APC, ULL, pinned, green, for 3 mm cable



# 760256193 | N-016-MZ-5K-F16AQ/30T/B2



Fiber indoor cable, Riser/LSZH rated, MPO Trunk, interlocking aluminum armored, OM4 multi-mode, 16 fiber, Feet jacket marking, Aqua jacket color, B2ca flame rating

#### **Product Classification**

Regional Availability

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

America

 Portfolio
 CommScope®

 Product Type
 Fiber indoor cable

Product Series N-MZ

General Specifications

**Armor Type** Interlocking aluminum

Cable Type MPO trunk cable

Construction TypeArmoredSubunit TypeGel-free

Filler, quantity 3

Jacket ColorAquaJacket MarkingFeetSubunit, quantity1Fibers per Subunit, quantity16Total Fiber Count16

**Dimensions** 

Buffer Tube/Subunit Diameter3 mm | 0.118 inDiameter Over Armor17.1 mm | 0.673 in

**Diameter Over Jacket** 19.2 mm | 0.756 in

Mechanical Specifications

Minimum Bend Radius, loaded 288 mm | 11.339 in

**COMMSCOPE®** 

# 760256193 | N-016-MZ-5K-F16AQ/30T/B2

Minimum Bend Radius, unloaded192 mm7.559 inTensile Load, long term, maximum400 N89.924 lbfTensile Load, short term, maximum1335 N300.12 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** 142 m | 465.879 ft

Optical Specifications

**Fiber Type** OM4, LazrSPEED® 550

## **Environmental Specifications**

Installation temperature  $0 \, ^{\circ}\text{C to} + 70 \, ^{\circ}\text{C (-32 °F to} + 158 °F)$ Operating Temperature  $0 \, ^{\circ}\text{C to} + 60 \, ^{\circ}\text{C (+32 °F to} + 140 °F)$ Storage Temperature  $-40 \, ^{\circ}\text{C to} + 70 \, ^{\circ}\text{C (-40 °F to} + 158 °F)$ 

Cable Qualification Standards

ANSI/ICEA S-83-596 | Telcordia GR-409

EN50575 CPR Cable EuroClass Fire PerformanceB2caEN50575 CPR Cable EuroClass Smoke Ratings2EN50575 CPR Cable EuroClass Droplets Ratingd1EN50575 CPR Cable EuroClass Acidity Ratinga1

Environmental Space Low Smoke Zero Halogen (LSZH) | Riser

Flame Test Listing NEC OFCR-ST1 (ETL) and c(ETL)

Flame Test Method | IEC 60332-3 | IEC 60754-2 | IEC 61034-2 | UL 1666 | UL 1685

**Environmental Test Specifications** 

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

Page 5 of 8

# 760256193 | N-016-MZ-5K-F16AQ/30T/B2

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

**Low High Bend**  $0 \,^{\circ}\text{C to } +60 \,^{\circ}\text{C (+32 °F to } +140 \,^{\circ}\text{F)}$ 

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** 287 kg/km | 192.855 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)

