## U3VRZRZ8R

#### **Base Product**



Ultra Low Loss (ULL) OM5 MPO16 APC (Pinned) to MPO16 APC (Pinned), Fiber Trunk Cable Assembly, 16-Fiber, LSZH 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 ABlackColor, connector AGreen

Connector B, quantity

Color, boot BBlackColor, connector BGreenConstruction TypeStrandedFurcation ColorLime green

 Interface, Connector A
 MPO-16/APC Male

 Interface, Connector B
 MPO-16/APC Male

Jacket Color Lime green

Polarity Method B Enhanced (ULL)

Fibers per Subunit, quantity 16

Total Fibers, quantity 16

**Dimensions** 

Breakout Length 22 in

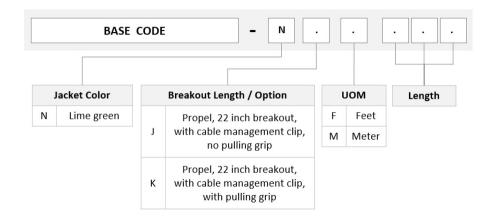
COMMSC PE®

## U3VRZRZ8R

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** OM5, 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
CHINA-ROHS	Above maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
ROHS	Compliant/Exempted
UK-ROHS	Compliant/Exempted



# U3VRZRZ8R



### Included Products

760251064 N-016-MP-5G-F16LM/30T/B2

- Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser MPO Trunk, 16-fiber, 3.0mm subunits, Multimode OM5, Gel-free, Feet jacket marking, Lime green jacket color, B2ca Flame rating
- 860659158 Fiber Optic Connector Kit, multimode, OM3/OM4, MPO-16/APC, ULL, pinned, green, for 3 mm cable

# 760251064 | N-016-MP-5G-F16LM/30T/B2



Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser MPO Trunk, 16-fiber, 3.0mm subunits, Multimode OM5, Gel-free, Feet jacket marking, Lime green 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-MP

General Specifications

Cable TypeMPO trunk cable

Construction Type Non-armored

**Subunit Type** Gel-free

Jacket Color Lime green

Jacket Marking Feet

Subunit, quantity 1

**Total Fiber Count** 16

Dimensions

Buffer Tube/Subunit Diameter 3 mm | 0.118 in

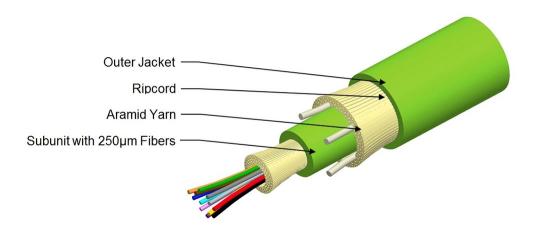
Diameter Over Jacket 6.4 mm | 0.252 in

Representative Image



# 760251064 | N-016-MP-5G-F16LM/30T/B2

200 N | 44.962 lbf



### Mechanical Specifications

Tensile Load, long term, maximum

Minimum Bend Radius, loaded 96 mm | 3.78 in

Minimum Bend Radius, unloaded 64 mm | 2.52 in

Tensile Load, short term, maximum 667 N | 149.948 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** 445 m | 1,459.974 ft

Optical Specifications

Fiber Type OM5, LazrSPEED® wideband

## **Environmental Specifications**

Installation temperature  $0 \, ^{\circ}\text{C}$  to +50  $^{\circ}\text{C}$  (+32  $^{\circ}\text{F}$  to +122  $^{\circ}\text{F}$ )

Operating Temperature  $0 \, ^{\circ}\text{C}$  to +60  $^{\circ}\text{C}$  (+32  $^{\circ}\text{F}$  to +140  $^{\circ}\text{F}$ )

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# 760251064 | N-016-MP-5G-F16LM/30T/B2

**Storage Temperature**  $-40 \,^{\circ}\text{C}$  to  $+60 \,^{\circ}\text{C}$  ( $-40 \,^{\circ}\text{F}$  to  $+140 \,^{\circ}\text{F}$ )

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

EN50575 CPR Cable EuroClass Fire PerformanceB2caEN50575 CPR Cable EuroClass Smoke Ratings1aEN50575 CPR Cable EuroClass Droplets Ratingd0EN50575 CPR Cable EuroClass Acidity Ratinga1

Environmental SpaceLow Smoke Zero Halogen (LSZH)Flame Test MethodIEC 60754-2 | IEC 61034-2

**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** 45.9 kg/km | 30.843 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)

