### UKVMXUCCF

#### **Base Product**



Ultra Low Loss (ULL) OM5 MPO12 UPC (pinned) to Unconnectorized Fiber Trunk Cable Assembly, 24-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

Cable Assembly Length Range (ft)

Connector A, quantity	2
Color, boot A	Black
Color, connector A	Lime green
Connector B, quantity	0
Construction Type	Armored   Stranded
Furcation Color	Lime green
Interface, Connector A	MPO-12/UPC Male
Interface, Connector B	Unterminated
Jacket Color	Lime green
Polarity	Method B Enhanced (ULL)
Fibers per Subunit, quantity	12
Total Fibers, quantity	24
Dimensions	
Breakout Length	22 in
Cable Assembly Length Range (m)	3 - 305

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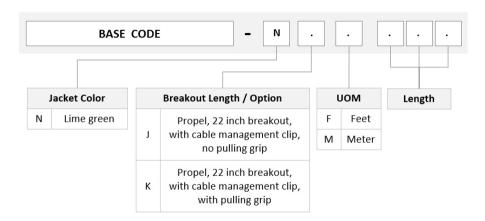
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10 - 999



## UKVMXUCCF

### 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 °C to +60 °C (+14 °F to +140 °F)	
EN50575 CPR Cable EuroClass Fire Performance	Dca	
Environmental Space	Dual Rated LSZH/Riser   Indoor	

#### Regulatory Compliance/Certifications

Agency	Classification
ANATEL	Compliant
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

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### UKVMXUCCF



#### Included Products

760249680 N-024-MZ-5G-F12AQ/20T/B2 860659008 Fiber indoor cable, LazrSPEED® Riser/LSZH rated, MPO Trunk, interlocking aluminum armored, Multimode OM5, 24 fiber, Feet jacket marking, Lime-green jacket color, B2ca flame rating MPO12, ULL, MALE, OM5, LIME, 2MM

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## 760249680 | N-024-MZ-5G-F12AQ/20T/B2



Fiber indoor cable, LazrSPEED® Riser/LSZH rated, MPO Trunk, interlocking aluminum armored, Multimode OM5, 24 fiber, 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-MZ
General Specifications	
Armor Type	Interlocking aluminum
Cable Type	MPO trunk cable
Construction Type	Armored
Subunit Type	Gel-free
Filler, quantity	2
Jacket Color	Lime green
Jacket Marking	Feet
Subunit, quantity	2
Fibers per Subunit, quantity	12
Total Fiber Count	24
Dimensions	
Buffer Tube/Subunit Diameter	2 mm   0.079 in
Diameter Over Armor	13.3 mm   0.524 in
Diameter Over Jacket	15.4 mm   0.606 in

#### Representative Image

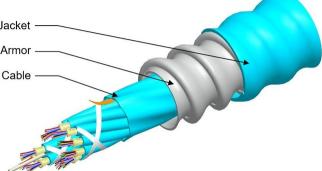
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## 760249680 | N-024-MZ-5G-F12AQ/20T/B2

LSZH Outer Jacket ——— Interlocking Aluminum Armor ——— Internal LSZH Loose Tube Cordge Cable ———



#### Mechanical Specifications

Minimum Bend Radius, loaded	231 mm   9.094 in
Minimum Bend Radius, unloaded	154 mm   6.063 in
Tensile Load, long term, maximum	200 N   44.962 lbf
Tensile Load, short term, maximum	667 N   149.948 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	97 m   318.241 ft
Optical Specifications	

Fiber Type

OM5, LazrSPEED® wideband

#### **Environmental Specifications**

Installation temperature	0 °C to +60 °C (+32 °F to +140 °F)
Operating Temperature	0 °C to +70 °C (+32 °F to +158 °F)
Storage Temperature	-40 °C to +70 °C (-40 °F to +158 °F)

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# 760249680 | N-024-MZ-5G-F12AQ/20T/B2

Cable Qualification Standards	ANSI/ICEA S-83-596   Telcordia GR-409
EN50575 CPR Cable EuroClass Fire Performance	B2ca
EN50575 CPR Cable EuroClass Smoke Rating	s1a
EN50575 CPR Cable EuroClass Droplets Rating	d1
EN50575 CPR Cable EuroClass Acidity Rating	al
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)
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	211 kg/km   141.785 lb/kft

#### \* Footnotes

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

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## 860659008



Product Classification

#### MP012, ULL, MALE, OM5, LIME, 2MM

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	Black
Ferrule Geometry	Flat
Interface	MPO/UPC Male
Interface Feature	Pinned
Total Fiber Count	12
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 °
Optical Specifications	
Fiber Mode	Singlemode
Fiber Type	OM5, LazrSPEED®
Insertion Loss Change, mating	0.2 dB
Optical Components Standard	ANSI/TIA-568-C.3

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## 860659008

Insertion Loss, maximum	0.2 dB
Return Loss, minimum	27 dB

#### Packaging and Weights

Packaging quantity

#### \* Footnotes

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

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