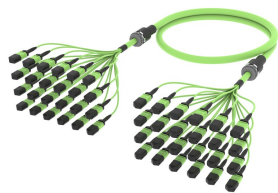


# UHVMMXMXCP

Base Product



Ultra Low Loss (ULL) OM5 MPO12 UPC (pinned) to MPO12 UPC (pinned)  
Fiber Trunk Cable Assembly, 12-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	24
Color, boot A	Black
Color, connector A	Lime green
Connector B, quantity	24
Color, boot B	Black
Color, connector B	Lime green
Construction Type	Armored   Stranded
Furcation Color	Lime green
Interface, Connector A	MPO-12/UPC Male
Interface, Connector B	MPO-12/UPC Male
Jacket Color	Lime green
Polarity	Method B Enhanced (ULL)
Fibers per Subunit, quantity	12
Total Fibers, quantity	288

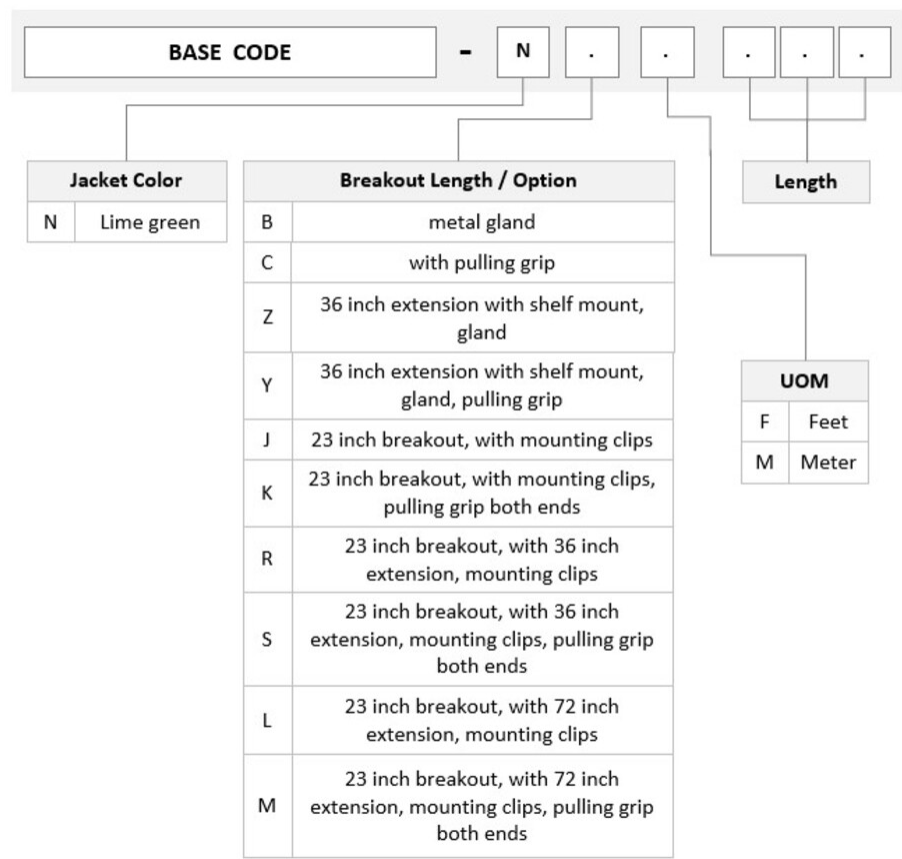
## Dimensions

Breakout Length	22 in
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# UHVMMXMXCP

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 °
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## Optical Specifications

Fiber Mode	Multimode
Fiber Type	OM5, LazrSPEED®

## Environmental Specifications

Operating Temperature	-10 °C to +60 °C (+14 °F to +140 °F)
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# UHVMMXMXCP

Environmental Space

Indoor | Plenum

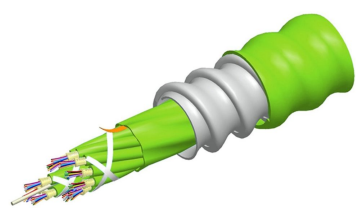
## Regulatory Compliance/Certifications

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 <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant/Exempted
UK-ROHS	Compliant/Exempted



## Included Products

760256108 P-288-MZ-5G-F12LM/20T	–	Fiber indoor cable, LazrSPEED® Plenum MPO Trunk, interlocking aluminum armored with plenum jacket, Multimode OM5, 288 fiber multi-unit with 12 fiber subunits, gel-free, Feet jacket marking, Lime-green jacket color
860659008	–	MPO12, ULL, MALE, OM5, LIME, 2MM



Fiber indoor cable, LazrSPEED® Plenum MPO Trunk, interlocking aluminum armored with plenum jacket, Multimode OM5, 288 fiber multi-unit with 12 fiber subunits, gel-free, 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

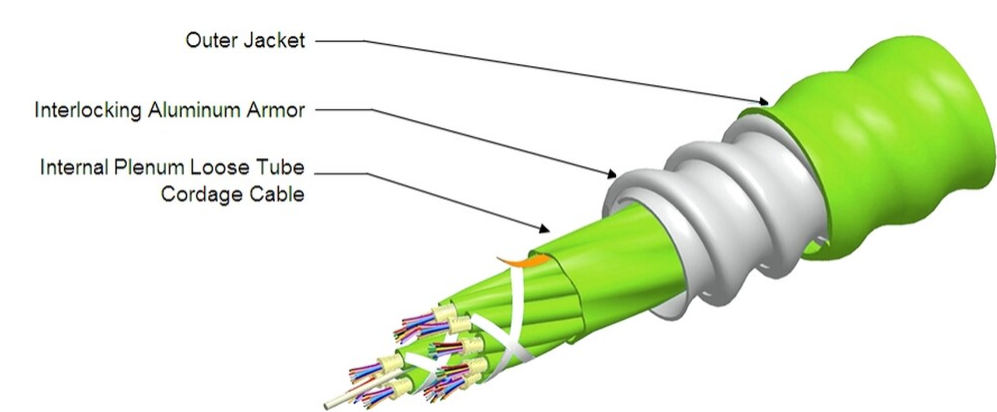
General Specifications

Armor Type	Interlocking aluminum
Cable Type	MPO trunk cable
Construction Type	Armored
Subunit Type	Gel-free
Jacket Color	Lime green
Jacket Marking	Feet
Subunit, quantity	24
Fibers per Subunit, quantity	12
Total Fiber Count	288

Dimensions

Buffer Tube/Subunit Diameter	2 mm   0.079 in
Diameter Over Armor	21 mm   0.827 in
Diameter Over Jacket	23 mm   0.906 in

Representative Image



### Mechanical Specifications

Minimum Bend Radius, loaded	345 mm   13.583 in
Minimum Bend Radius, unloaded	230 mm   9.055 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	25 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	45 m   147.638 ft

### Optical Specifications

Fiber Type	OM5, LazrSPEED® wideband
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### Environmental Specifications

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

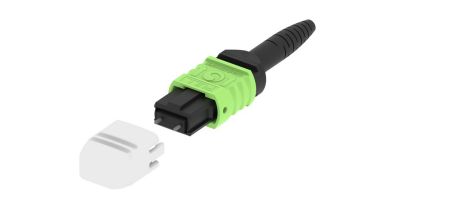
Heat Age	0 °C to +85 °C (+32 °F to +185 °F)
Heat Age Test Method	IEC 60794-1 F9
Low High Bend	0 °C to +70 °C (+32 °F to +158 °F)
Low High Bend Test Method	FOTP-37   IEC 60794-1 E11
Temperature Cycle	0 °C to +70 °C (+32 °F to +158 °F)
Temperature Cycle Test Method	FOTP-3   IEC 60794-1 F1

Packaging and Weights

Cable weight	456 kg/km   306.418 lb/kft
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\* Footnotes

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



MPO12, ULL, 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	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
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Mechanical Specifications

Cable Retention Strength, maximum	11.24 lb @ 0 °
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Optical Specifications

Fiber Mode	Singlemode
Fiber Type	OM5, LazrSPEED®
Insertion Loss Change, mating	0.2 dB
Optical Components Standard	ANSI/TIA-568-C.3

# 860659008

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

## Packaging and Weights

Packaging quantity	1
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## \* Footnotes

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