# UHVQZQZT8

#### **Base Product**



#### Ultra Low Loss (ULL) OM5 MPO8 APC (pinned) to MPO8 APC (pinned) Fiber Trunk Cable Assembly, 8-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

I	
Connector A, quantity	1
Color, boot A	Gray
Color, connector A	Green
Connector B, quantity	1
Color, boot B	Gray
Color, connector B	Green
Construction Type	Armored   Stranded
Furcation Color	Lime green
Interface, Connector A	MPO-08/APC Male
Interface, Connector B	MPO-08/APC Male
Jacket Color	Lime green
Polarity	Method B Enhanced (ULL)
Fibers per Subunit, quantity	8
Total Fibers, quantity	8
Dimensions	
Breakout Length	22 in

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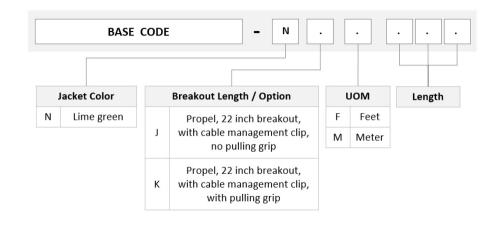
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# UHVQZQZT8

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 °
Optical Specifications	
Fiber Mode	Multimode
Fiber Type	OM5, 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

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**COMMSCOPE**<sup>®</sup>

# UHVQZQZT8



#### Included Products

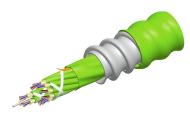
760256043 P-008-MZ-5G-F08LM/20T	-	Fiber indoor cable, LazrSPEED® Plenum MPO Trunk, interlocking aluminum armored with plenum jacket, 8 fiber, Gel-free, Multimode OM5, Feet jacket marking, Lime green jacket color
860662230	-	MPO8,ULL,Multimode,MALE,APC,GREEN,2 mm

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# 760256043 | P-008-MZ-5G-F08LM/20T



Fiber indoor cable, LazrSPEED® Plenum MPO Trunk, interlocking aluminum armored with plenum jacket, 8 fiber, Gel-free, Multimode OM5, 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
Filler, quantity	3
Jacket Color	Lime green
Jacket Marking	Feet
Subunit, quantity	1
Fibers per Subunit, quantity	8
Total Fiber Count	8
Dimensions	
Buffer Tube/Subunit Diameter	2 mm   0.079 in
Diameter Over Armor	14.61 mm   0.575 in
Diameter Over Jacket	16.6 mm   0.654 in

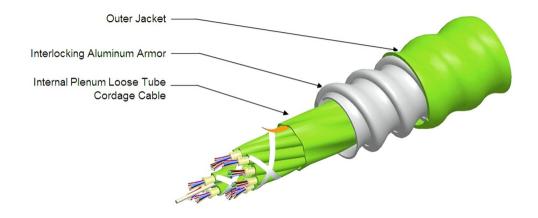
#### Representative Image

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# 760256043 | P-008-MZ-5G-F08LM/20T



#### Mechanical Specifications

Minimum Bend Radius, loaded	250 mm   9.843 in
Minimum Bend Radius, unloaded	166 mm   6.535 in
Tensile Load, long term, maximum	133 N   29.9 lbf
Tensile Load, short term, maximum	445 N   100.04 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	60 m   196.85 ft
Optical Specifications	
Fiber Type	OM5, LazrSPEED® wideband   OM5, LazrSPEED® wideband

#### Environmental Specifications

Installation temperature

0 °C to +70 °C (+32 °F to +158 °F)

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# 760256043 | P-008-MZ-5G-F08LM/20T

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

228 kg/km | 153.209 lb/kft

#### \* Footnotes

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

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### 860662230



Product Classification

#### MPO8,ULL,Multimode,MALE,APC,GREEN,2 mm

Regional Availability	Asia   Australia/New Zealand   EMEA   Latin America   North America
Portfolio	CommScope®
Product Type	Fiber connector
Product Brand	LazrSPEED®
General Specifications	
Color	Green
Color, boot	Black
Ferrule Geometry	Angled
Interface	MPO/APC Male
Interface Feature	Pinned
Total Fiber Count	8
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	Multimode
Fiber Type	OM4, LazrSPEED®
Insertion Loss Change, mating	0.3 dB
Optical Components Standard	ANSI/TIA-568-C.3

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# 860662230

Insertion Loss Change, temperature	0.3 dB
Insertion Loss, maximum	0.2 dB
Return Loss, minimum	45 dB

#### Packaging and Weights

Packaging quantity

#### \* Footnotes

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

1

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

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