UHVQZUCTL

Base Product



Ultra Low Loss (ULL) OM5 MPO8 APC (pinned) to Unconnectorized Fiber Trunk Cable Assembly, 96-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 12

Color, boot A Gray

Color, connector A Lime green

Connector B, quantity 0

Construction Type Armored | Stranded

Furcation Color Lime green

Interface, Connector A MPO-08/APC Male

Interface, Connector BUnterminatedJacket ColorLime green

Polarity Method B Enhanced (ULL)

Fibers per Subunit, quantity 8

Total Fibers, quantity 96

Dimensions

Breakout Length 22 in

Cable Assembly Length Range (m) 3 - 305

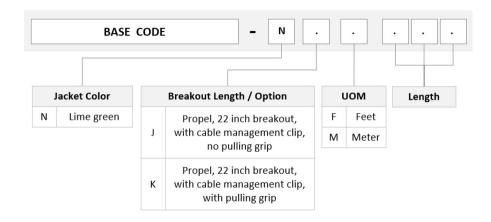
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Cable Assembly Length Range (ft)

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 $-10 \,^{\circ}\text{C} \text{ to } +60 \,^{\circ}\text{C} \text{ (+14 }^{\circ}\text{F to } +140 \,^{\circ}\text{F)}$

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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Included Products

760256050

P-096-MZ-5G-F08LM/20T

Fiber indoor cable, LazrSPEED® Plenum MPO Trunk, interlocking aluminum armored with plenum jacket, Multimode OM5, 96 fiber multi-unit with 8 fiber subunits, Lime-green jacket color, Feet cable marking

860662230

MP08,ULL,Multimode,MALE,APC,GREEN,2 mm



760256050 | P-096-MZ-5G-F08LM/20T



Fiber indoor cable, LazrSPEED® Plenum MPO Trunk, interlocking aluminum armored with plenum jacket, Multimode OM5, 96 fiber multiunit with 8 fiber subunits, Lime-green jacket color, Feet cable marking

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 TypeArmoredSubunit TypeGel-free

Jacket Color Lime green

Jacket MarkingFeetSubunit, quantity12Fibers per Subunit, quantity8Total Fiber Count96

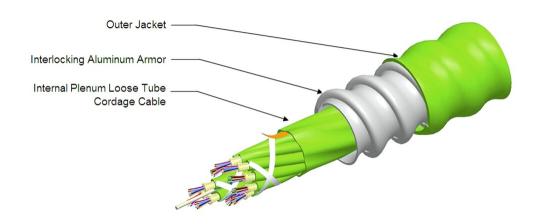
Dimensions

Buffer Tube/Subunit Diameter2 mm | 0.079 inDiameter Over Armor18.4 mm | 0.724 inDiameter Over Jacket20.5 mm | 0.807 in

Representative Image



760256050 | P-096-MZ-5G-F08LM/20T



Mechanical Specifications

Minimum Bend Radius, loaded307 mm1 22.087 inMinimum Bend Radius, unloaded205 mm8.071 inTensile Load, long term, maximum200 N | 44.962 lbfTensile Load, short term, maximum667 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 57 m | 187.008 ft

Optical Specifications

Fiber Type OM5, LazrSPEED® wideband | OM5, LazrSPEED® wideband

Environmental Specifications

Installation temperature $0 \, ^{\circ}\text{C} \text{ to } +70 \, ^{\circ}\text{C} \text{ (+32 } ^{\circ}\text{F to } +158 \, ^{\circ}\text{F)}$

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760256050 | P-096-MZ-5G-F08LM/20T

Operating Temperature 0 °C to +70 °C (+32 °F to +158 °F)

Storage Temperature $-40 \,^{\circ}\text{C}$ to $+70 \,^{\circ}\text{C}$ ($-40 \,^{\circ}\text{F}$ to $+158 \,^{\circ}\text{F}$)

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 353 kg/km | 237.205 lb/kft

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable





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

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 Count8

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 $11.24 \text{ lb} @ 0 ^{\circ}$

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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Insertion Loss Change, temperature0.3 dBInsertion Loss, maximum0.2 dBReturn Loss, minimum45 dB

Packaging and Weights

Packaging quantity 1

* Footnotes

Insertion Loss Change, matingTIA-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)

