UGVQZUCTN

Base Product



Ultra Low Loss (ULL) OM5 MPO8 APC (Pinned) to Unconnectorized, Fiber Trunk Cable Assembly, 192-Fiber, 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 Gray

Color, connector A Green

Connector B, quantity 0

Construction Type Stranded

Furcation Color Lime green

Interface, Connector A MPO-08/APC Male

Interface, Connector B Unterminated

Jacket Color Lime green

Polarity Method B Enhanced (ULL)

Fibers per Subunit, quantity 8

Total Fibers, quantity 192

Dimensions

Breakout Length 22 in

Cable Assembly Length Range (m) 3 - 305

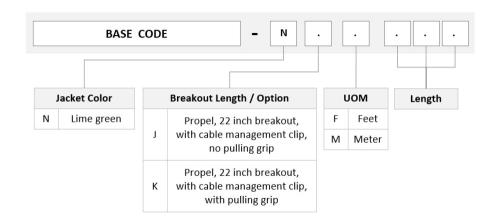
COMMSC PE®

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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	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



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Included Products

760248197 P-192-MP-5G-F08AQ/20T

860662230

- Fiber indoor cable, LazrSPEED® Plenum MPO Trunk, 192 fiber multi-unit with 8 fiber subunits,
 Multimode OM5, Gel-free, Feet jacket marking, Yellow jacket color
- MPO8,ULL,Multimode,MALE,APC,GREEN,2 mm



760248197 | P-192-MP-5G-F08AQ/20T



Fiber indoor cable, LazrSPEED® Plenum MPO Trunk, 192 fiber multi-unit with 8 fiber subunits, Multimode OM5, Gel-free, Feet jacket marking, Yellow jacket color

Product Classification

Regional Availability

Asia | Australia/New Zealand | Latin America | Middle East

Feet

/Africa | North America

Portfolio CommScope®

Product Type Fiber indoor cable

Product Series P-MP

General Specifications

Cable Type MPO trunk cable

Construction Type Non-armored

Subunit Type Gel-free

Jacket Color Yellow

Subunit, quantity 24

Fibers per Subunit, quantity 8

Total Fiber Count 192

Dimensions

Jacket Marking

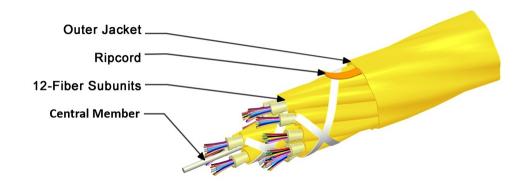
Buffer Tube/Subunit Diameter 2 mm | 0.079 in

Diameter Over Jacket 14.1 mm | 0.555 in

Representative Image



760248197 | P-192-MP-5G-F08AQ/20T



Mechanical Specifications

Minimum Bend Radius, loaded212 mm8.346 inMinimum Bend Radius, unloaded141 mm5.551 in

Tensile Load, long term, maximum 200 N | 44.962 lbf

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 300 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 95 m | 311.68 ft

Optical Specifications

Fiber Type OM5, LazrSPEED® wideband

Environmental Specifications

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

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

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760248197 | P-192-MP-5G-F08AQ/20T

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 OFNP (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 $0 \degree \text{C to } +70 \degree \text{C (} +32 \degree \text{F to } +158 \degree \text{F)}$

Low High Bend Test Method FOTP-37 | IEC 60794-1 E11

Temperature Cycle $0 \,^{\circ}\text{C to } +70 \,^{\circ}\text{C (+32 °F to } +158 \,^{\circ}\text{F)}$

Temperature Cycle Test Method FOTP-3 | IEC 60794-1 F1

Packaging and Weights

Cable weight 215 kg/km | 144.473 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

COMMSCOPE®

860662230

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)

