UGVQPUCTF

Base Product



Ultra Low Loss (ULL) OM5 MPO8 (Non-Pinned) to unconnectorized, Fiber Trunk Cable Assembly, 24-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 3

Color, boot A Gray

Color, connector A Lime green

Connector B, quantity 0

Construction Type Stranded
Furcation Color Lime green

Interface, Connector A MPO-08/UPC Female

Interface, Connector B Unterminated

Jacket Color Lime green

Polarity Method B Enhanced (ULL)

Fibers per Subunit, quantity 8

Total Fibers, quantity 24

Dimensions

Breakout Length 22 in

Cable Assembly Length Range (m) 3 - 305

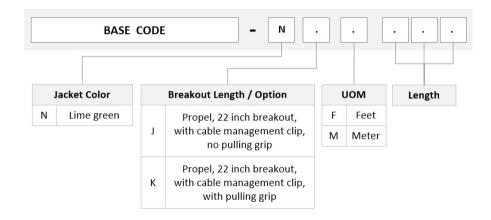
Cable Assembly Length Range (ft) 10 - 999

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UGVQPUCTF

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 ANATEL Compliant

ISO 9001:2015 Designed, manufactured and/or distributed under this quality management system



Included Products

760248190 P-024-MP-5G-F08AO/20T Fiber indoor cable, LazrSPEED® Plenum MPO Trunk, 24 fiber multi-unit with 8 fiber subunits, Multimode OM5, Gel-free, Feet jacket marking, Aqua jacket color

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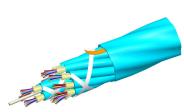
UGVQPUCTF

860659026

- MPO-08, ULTRA LOW LOSS, FEMALE, OM5, LIME-GREEN, 2mm



760248190 | P-024-MP-5G-F08AQ/20T



Fiber indoor cable, LazrSPEED® Plenum MPO Trunk, 24 fiber multi-unit with 8 fiber subunits, Multimode OM5, Gel-free, Feet jacket marking, Aqua 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-MP

General Specifications

Cable TypeMPO trunk cable

Construction Type Non-armored

Subunit Type Gel-free

Filler, quantity 1

Jacket Color Aqua

Jacket Marking Feet

Subunit, quantity 3

Fibers per Subunit, quantity 8

Total Fiber Count 24

Dimensions

Buffer Tube/Subunit Diameter 2 mm | 0.079 in

Diameter Over Jacket 7.7 mm | 0.303 in

Representative Image



760248190 | P-024-MP-5G-F08AQ/20T



Mechanical Specifications

Minimum Bend Radius, loaded 116 mm | 4.567 in

Minimum Bend Radius, unloaded 77 mm | 3.031 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

FIEX Test Method FOTP-104 | IEC 60794-1 E6

Impact 0.74 N-m | 6.55 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 320 m | 1,049.869 ft

Optical Specifications

Fiber Type OM5, LazrSPEED® wideband

Environmental Specifications

Installation temperature $0 \, ^{\circ}\text{C} \, \text{to} + 70 \, ^{\circ}\text{C} \, (+32 \, ^{\circ}\text{F} \, \text{to} + 158 \, ^{\circ}\text{F})$ Operating Temperature $0 \, ^{\circ}\text{C} \, \text{to} + 70 \, ^{\circ}\text{C} \, (+32 \, ^{\circ}\text{F} \, \text{to} + 158 \, ^{\circ}\text{F})$ Storage Temperature $-40 \, ^{\circ}\text{C} \, \text{to} + 70 \, ^{\circ}\text{C} \, (-40 \, ^{\circ}\text{F} \, \text{to} + 158 \, ^{\circ}\text{F})$

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760248190 | P-024-MP-5G-F08AQ/20T

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 °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 64 kg/km | 43.006 lb/kft

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable



860659026



MPO-08, ULTRA LOW LOSS, FEMALE, OM5, LIME-GREEN, 2mm

Product Classification

Regional Availability

Asia | Australia/New Zealand | EMEA | Latin America | North America

PortfolioCommScope®Product TypeFiber connectorProduct BrandLazrSPEED®

General Specifications

ColorLime greenColor, bootBlackFerrule GeometryFlat

Interface MPO/UPC Female

Interface Feature Unpinned

Total Fiber Count 8

Dimensions

Compatible Cable Diameter 2 mm | 0.079 in

Material Specifications

Ferrule Material Polymer

Optical Specifications

Fiber Mode Multimode

Fiber Type OM5

Optical Components Standard ANSI/TIA-568-C.3

Insertion Loss, maximum0.2 dBReturn Loss, minimum27 dB

Packaging and Weights

COMMSCOPE®

860659026

Packaging quantity

1

Regulatory Compliance/Certifications

CHINA-ROHS

Below maximum concentration value

ISO 9001:2015

Designed, manufactured and/or distributed under t

Classification

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



Agency