UJXMXMXAL

Base Product



Ultra Low Loss (ULL) OM4 MPO12 (Pinned) to MPO12 (Pinned), Fiber Trunk Cable Assembly, 96-Fiber, Low Smoke Zero Halogen (LSZH)

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 SYSTIMAX ULL

Ordering Note Not available in the United States or Canada

General Specifications

Color, boot ABlackColor, connector AAquaColor, boot BBlackColor, connector BAquaConstruction TypeStranded

Furcation Color Aqua

 Interface, Connector A
 MPO-12/UPC Male

 Interface, Connector B
 MPO-12/UPC Male

Jacket Color Aqua

Polarity Method B Enhanced (ULL)

Fibers per Subunit, quantity 12

Total Fibers, quantity 96

Dimensions

Breakout Length 33 in

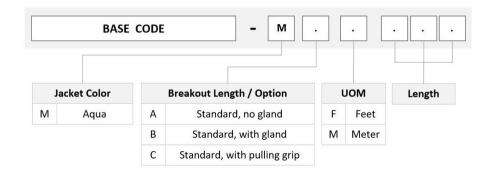


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Cable Assembly Length Range (m) 3 - 999

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 OM4, LazrSPEED®

Environmental Specifications

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

Environmental Space Dual Rated LSZH/Riser | Indoor

Regulatory Compliance/Certifications

Agency	Classification
ANATEL	Compliant
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

760067512 N-096-MP-5K-F12AQ/D Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser MPO Trunk, 96 fiber multi-unit with 12 fiber subunits, Gel-free, Multimode OM4, Feet jacket marking, Aqua jacket color, Dca flame rating

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- MPO12, ULTRA LOW LOSS, MALE, OM3/4, AQUA, 3mm



760067512 | N-096-MP-5K-F12AQ/D



Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser MPO Trunk, 96 fiber multi-unit with 12 fiber subunits, Gel-free, Multimode OM4, Feet jacket marking, Aqua jacket color, Dca flame rating

Product Classification

Regional Availability

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

America

Feet

12

 Portfolio
 CommScope®

 Product Type
 Fiber indoor cable

Product Series N-MP

General Specifications

Cable TypeMPO trunk cable

Construction Type Non-armored

Subunit Type Gel-free

Jacket Color Aqua

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Subunit, quantity 8

Total Fiber Count 96

Dimensions

Fibers per Subunit, quantity

Jacket Marking

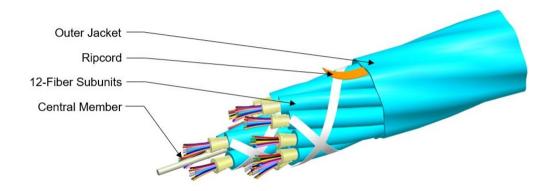
Buffer Tube/Subunit Diameter 3 mm | 0.118 in

Diameter Over Jacket 12.45 mm | 0.49 in

Representative Image



760067512 | N-096-MP-5K-F12AQ/D



Mechanical Specifications

Minimum Bend Radius, loaded 187 mm | 7.362 in

Minimum Bend Radius, unloaded 124 mm | 4.882 in

Tensile Load, long term, maximum 400 N | 89.924 lbf

Tensile Load, short term, maximum 1335 N | 300.12 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 5.88 N-m | 52.042 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 289 m | 948.163 ft

Optical Specifications

Fiber Type OM4, LazrSPEED® 550 | OM4, LazrSPEED® 550

Environmental Specifications

Installation temperature $-20 \,^{\circ}\text{C}$ to $+60 \,^{\circ}\text{C}$ (-4 °F to +140 °F)

Operating Temperature $-20 \,^{\circ}\text{C}$ to $+70 \,^{\circ}\text{C}$ (-4 °F to +158 °F)

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

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760067512 | N-096-MP-5K-F12AQ/D

Cable Qualification Standards ANSI/ICEA S-83-596 | Telcordia GR-409

EN50575 CPR Cable EuroClass Fire PerformanceDcaEN50575 CPR Cable EuroClass Smoke Ratings1aEN50575 CPR Cable EuroClass Droplets Ratingd1EN50575 CPR Cable EuroClass Acidity Ratinga1

Environmental Space Low Smoke Zero Halogen (LSZH) | Riser

Flame Test Listing NEC OFNR-ST1 (ETL) and c(ETL)

Flame Test Method | IEC 60332-3 | IEC 60754-2 | IEC 61034-2 | UL 1666 | UL 1685

Environmental Test Specifications

Heat Age $-20 \,^{\circ}\text{C}$ to $+85 \,^{\circ}\text{C}$ $(-4 \,^{\circ}\text{F}$ to $+185 \,^{\circ}\text{F})$

Heat Age Test Method IEC 60794-1 F9

Low High Bend $-20 \,^{\circ}\text{C}$ to $+70 \,^{\circ}\text{C}$ (-4 °F to +158 °F)Low High Bend Test MethodFOTP-37 | IEC 60794-1 E11Temperature Cycle $-20 \,^{\circ}\text{C}$ to $+70 \,^{\circ}\text{C}$ (-4 °F to +158 °F)

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

Packaging and Weights

Cable weight 141 kg/km | 94.748 lb/kft

Regulatory Compliance/Certifications

Agency Classification

CENELEC EN 50575 compliant, Declaration of Performance (DoP) available

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



* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

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MPO12, ULTRA LOW LOSS, MALE, OM3/4, AQUA, 3mm

Product Classification

Regional Availability

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

 Portfolio
 CommScope®

 Product Type
 Fiber connector

 Product Brand
 LazrSPEED®

General Specifications

ColorAquaColor, bootBlackFerrule GeometryFlat

Interface MPO/UPC Male

Interface Feature Pinned

Total Fiber Count 12

Dimensions

 Length
 60.1 mm | 2.366 in

 Compatible Cable Diameter
 3 mm | 0.118 in

Material Specifications

Ferrule Material Polymer

Mechanical Specifications

Cable Retention Strength, maximum $11.24 \text{ lb} @ 0 ^{\circ}$

Optical Specifications

Fiber ModeMultimodeFiber TypeOM3 | OM4

Insertion Loss Change, mating 0.3 dB

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

COMMSCOPE®

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Insertion Loss Change, temperature0.3 dBInsertion Loss, maximum0.2 dBReturn Loss, minimum27 dB

Packaging and Weights

Packaging quantity 1

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



* 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)

