AJXMPMPCD

Base Product



Ultra Low Loss ULL LazrSPEED® 550 MPO(Unpinned) to MPO (Unpinned) Pre-terminated Trunk Cable, MPO12, 12-Fiber, LSZH, 12 fiber PmP 2.0 mm Dca, Method A

Product Classification

Regional Availability

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

East/Africa | North America

Portfolio CommScope®

Product Type Fiber trunk cable assembly

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

Color, boot ABlackColor, connector ABlackColor, boot BBlackColor, connector BBlackConstruction TypeStranded

Furcation Color Aqua

 Interface, Connector A
 MPO-12/UPC Female

 Interface, Connector B
 MPO-12/UPC Female

Jacket Color Agua

Polarity Method A

Fibers per Subunit, quantity 12

Total Fibers, quantity 12

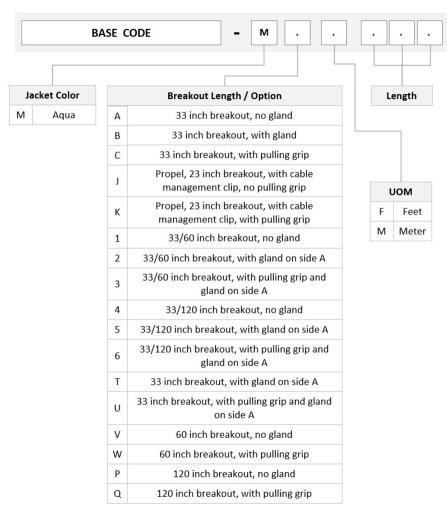
Dimensions

Breakout Length33 inCable Assembly Length Range (m)3 - 999Cable Assembly Length Range (ft)10 - 999



AJXMPMPCD

Ordering Tree



Optical Specifications

Fiber Mode Multimode

Fiber Type OM4, LazrSPEED®

Environmental Specifications

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

EN50575 CPR Cable EuroClass Fire Performance

Environmental Space Dual Rated LSZH/Riser | Indoor

Regulatory Compliance/Certifications

COMMSC PE®

AJXMPMPCD

Classification **Agency**

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





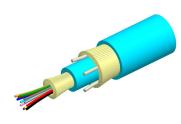
Included Products

Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser MPO Trunk with 2.0mm 760222844 Subunits, 12 fiber, Multimode OM4, Gel-free, Feet jacket marking, Aqua jacket color, Dca flame N-012-MP-5K-F12AQ/20T/D

MPO12, ULL, FEMALE, OM3/4, AQUA, 2MM 860659012



760222844 | N-012-MP-5K-F12AQ/20T/D



Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser MPO Trunk with 2.0mm Subunits, 12 fiber, Multimode OM4, Gel-free, Feet jacket marking, Aqua jacket color, Dca flame rating

Product Classification

Regional Availability

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

America

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

Jacket Marking Feet

Total Fiber Count 12

Dimensions

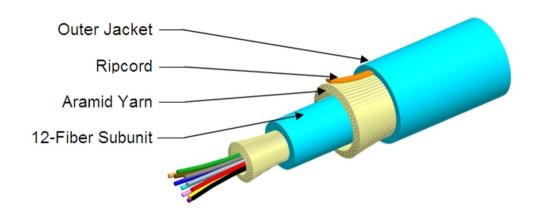
Buffer Tube/Subunit Diameter 2 mm | 0.079 in

Diameter Over Jacket 4.7 mm | 0.185 in

Representative Image



760222844 | N-012-MP-5K-F12AQ/20T/D



Mechanical Specifications

Minimum Bend Radius, loaded 71 mm | 2.795 in

Minimum Bend Radius, unloaded 47 mm | 1.85 in

Tensile Load, long term, maximum 133 N | 29.9 lbf

Tensile Load, short term, maximum 445 N | 100.04 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 500 m | 1,640.42 ft

Optical Specifications

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

Environmental Specifications

Installation temperature 0 °C to +60 °C (+32 °F to +140 °F)

Page 5 of 8



760222844 | N-012-MP-5K-F12AQ/20T/D

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

EN50575 CPR Cable EuroClass Fire Performance Dca
EN50575 CPR Cable EuroClass Smoke Rating s1a
EN50575 CPR Cable EuroClass Droplets Rating d1
EN50575 CPR Cable EuroClass Acidity Rating a1

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 $0 \, ^{\circ}\text{C to} + 85 \, ^{\circ}\text{C} \, (+32 \, ^{\circ}\text{F to} + 185 \, ^{\circ}\text{F})$

Heat Age Test Method IEC 60794-1 F9

 Low High Bend
 0 °C to +60 °C (+32 °F to +140 °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 23 kg/km | 15.455 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

Page 6 of 8



860659012



MPO12, ULL, FEMALE, OM3/4, AQUA, 2MM

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 Female

Interface Feature Unpinned

Total Fiber Count 12

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 $^{\circ}$

Optical Specifications

Fiber Mode Singlemode

Fiber Type OM3, LazrSPEED® | OM4, LazrSPEED®

Insertion Loss Change, mating 0.2 dB

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

COMMSCOPE®

860659012

Insertion Loss, maximum0.2 dBReturn Loss, minimum27 dB

Packaging and Weights

Packaging quantity 1

* Footnotes

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

