UHGMXMXCD

Base Product



Singlemode MPO12 APC (pinned) to MPO12 APC (pinned) Fiber Trunk Cable Assembly, 12-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 1

Color, boot ABlackColor, connector AGreen

Connector B, quantity 1

Color, boot B Black
Color, connector B Green

Construction Type Armored | Stranded

Furcation Color Yellow

 Interface, Connector A
 MPO-12/APC Male

 Interface, Connector B
 MPO-12/APC Male

Jacket Color Yellow

Polarity Method B Enhanced (ULL)

Fibers per Subunit, quantity 12

Total Fibers, quantity 12

Dimensions

Breakout Length 22 in

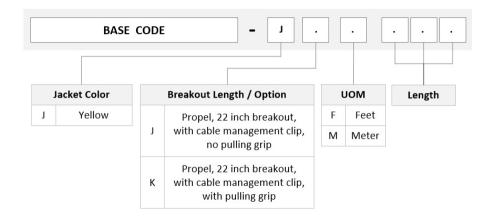
COMMSCOPE®

UHGMXMXCD

Cable Assembly Length Range (m) 3 - 305

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 Singlemode

Fiber Type G.657.A2, TeraSPEED®

Environmental Specifications

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

Environmental Space Indoor | Plenum

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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UHGMXMXCD



Included Products

760242063 P-012-MZ-8G-F12YL/20T

860659010 – MPO-12, ULTRA LOW LOSS, MALE, Singlemode, GREEN, 2mm

Fiber indoor cable, Plenum MPO Trunk, interlocking aluminum armored with plenum jacket, 12 fiber, Singlemode G.657.A2/B2, Gel-free, Feet jacket marking, Yellow jacket color



760242063 | P-012-MZ-8G-F12YL/20T



Fiber indoor cable, Plenum MPO Trunk, interlocking aluminum armored with plenum jacket, 12 fiber, Singlemode G.657.A2/B2, Gel-free, Feet jacket marking, Yellow jacket color

Product Classification

Regional Availability

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

12

/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

Filler, quantity 3

Jacket ColorYellowJacket MarkingFeetSubunit, quantity1Fibers per Subunit, quantity12

Dimensions

Total Fiber Count

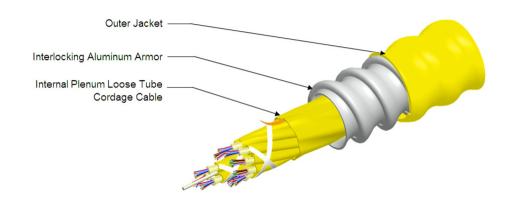
Buffer Tube/Subunit Diameter 2 mm | 0.079 in

Diameter Over Armor14.61 mm | 0.575 inDiameter Over Jacket16.6 mm | 0.654 in

Representative Image



760242063 | P-012-MZ-8G-F12YL/20T



Mechanical Specifications

Minimum Bend Radius, loaded250 mm9.843 inMinimum Bend Radius, unloaded166 mm6.535 inTensile Load, long term, maximum133 N29.9 lbfTensile Load, short term, maximum445 N100.04 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 60 m | 196.85 ft

Optical Specifications

Fiber Type G.657.A2/B2 | G.657.A2/B2

Environmental Specifications

Installation temperature 0 °C to +70 °C (+32 °F to +158 °F)

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760242063 | P-012-MZ-8G-F12YL/20T

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

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

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 228 kg/km | 153.209 lb/kft

Regulatory Compliance/Certifications

Agency Classification

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

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable



860659010



MPO-12, ULTRA LOW LOSS, MALE, Singlemode, GREEN, 2mm

Product Classification

Regional Availability

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

 Portfolio
 CommScope®

 Product Type
 Fiber connector

 Product Brand
 TeraSPEED®

General Specifications

ColorGreenColor, bootBlackFerrule GeometryAngled

Interface MPO/APC Male

Interface Feature Pinned

Total Fiber Count 12

Dimensions

Compatible Cable Diameter 2 mm | 0.079 in

Material Specifications

Ferrule Material Polymer

Optical Specifications

Fiber ModeSinglemodeFiber TypeG.657.A2

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

Insertion Loss, ULL, maximum0.35 dBReturn Loss, minimum65 dB

Packaging and Weights

COMMSCOPE®

860659010

Packaging quantity

1

