AJGMPMPCD

Base Product



Ultra Low Loss ULL TeraSPEED® 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 AGreenColor, boot BBlackColor, connector BGreenConstruction TypeStranded

Furcation Color Yellow

Interface, Connector A MPO-12/APC Female

Interface, Connector B MPO-12/APC Female

Jacket Color Yellow

Polarity Method A

Fibers per Subunit, quantity 12

Total Fibers, quantity 12

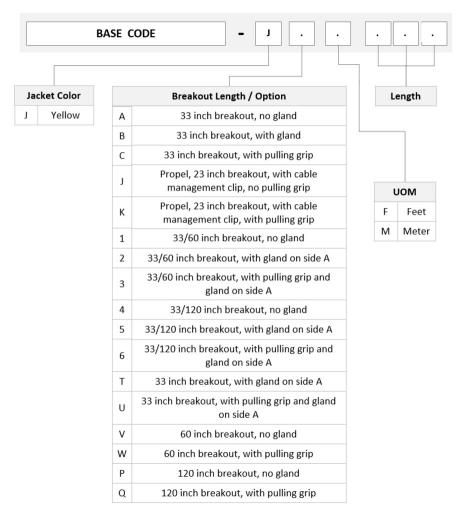
Dimensions

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

COMMSC PE°

AJGMPMPCD

Ordering Tree



Optical Specifications

Fiber Mode Singlemode

Fiber Type G.657.A2, TeraSPEED®

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 Dc

Environmental Space Dual Rated LSZH/Riser | Indoor

Regulatory Compliance/Certifications

COMMSC PE®

AJGMPMPCD

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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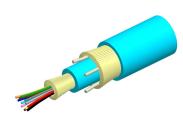
Included Products

760246430 – Fiber indoor cable, Low Smoke Zero Halogen Riser MPO Trunk, with 2.0mm Subunits, 12 fiber, N-012-MP-8G1-F12YL/20T/D Singlemode G.657.A2/B2, Gel-free, Feet jacket marking, Yellow jacket color, Dca Flame rating

- MPO12, ULL, FEMALE, SM, GREEN, 2MM



760246430 | N-012-MP-8G1-F12YL/20T/D



Fiber indoor cable, Low Smoke Zero Halogen Riser MPO Trunk, with 2.0 mm Subunits, 12 fiber, Singlemode G.657.A2/B2, Gel-free, Feet jacket marking, Yellow 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 Type MPO trunk cable

Construction Type Non-armored

Subunit Type Gel-free

Jacket Color Yellow

Jacket Marking Feet

Total Fiber Count 12

Dimensions

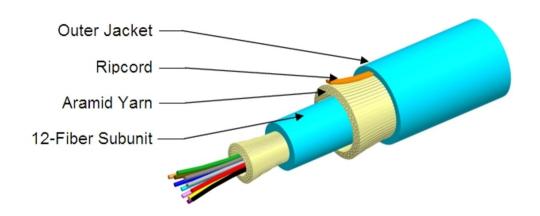
Buffer Tube/Subunit Diameter 2 mm | 0.079 in

Diameter Over Jacket 4.7 mm | 0.185 in

Representative Image



760246430 | N-012-MP-8G1-F12YL/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 G.657.A2/B2 | G.657.A2/B2

Environmental Specifications

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

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760246430 | N-012-MP-8G1-F12YL/20T/D

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

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 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 0 °C to +85 °C (+32 °F to +185 °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 °C to +70 °C (+32 °F to +158 °F)

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

Packaging and Weights

Cable weight 23 kg/km | 15.455 lb/kft

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable



860659016



MPO12, ULL, FEMALE, SM, 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 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 $11.24 \text{ lb} @ 0 ^{\circ}$

Optical Specifications

Fiber Mode Singlemode

Fiber Type G.652.D and G.657.A1, TeraSPEED® | OS2

Insertion Loss Change, mating 0.35 dB

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

COMMSCOPE®

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Insertion Loss, maximum0.35 dBReturn Loss, minimum65 dB

Packaging and Weights

Packaging quantity 1

* Footnotes

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

