UGGRXUC8S

Base Product



Ultra Low Loss (ULL) Singlemode G.657.A2 MPO16 (Pinned) to Unconnectorized, Fiber Trunk Cable Assembly, 32-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 2

Color, boot ABlackColor, connector AGreenConnector B, quantity0

Construction TypeStrandedFurcation ColorYellow

Interface, Connector A MPO-16/APC Male

Interface, Connector B Unterminated

Jacket Color Yellow

Polarity Method B Enhanced (ULL)

Fibers per Subunit, quantity 16

Total Fibers, quantity 32

Dimensions

Breakout Length 22 in

Cable Assembly Length Range (m) 3 - 305

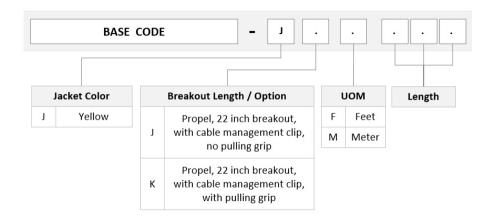
Cable Assembly Length Range (ft) 10 - 999

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UGGRXUC8S

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
CHINA-ROHS	Above maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
ROHS	Compliant/Exempted
UK-ROHS	Compliant/Exempted



Included Products



UGGRXUC8S

760251015 P-032-MP-8G1-F16YL

860661398

- Fiber indoor cable, Plenum MPO Trunk, 32 fiber with 16 fiber subunits,, Singlemode G.657.A2 /B2 Feet jacket marking, Yellow jacket color
- Fiber Optic Connector Kit, singlemode, OS2, MPO-16/APC, ULL, pinned, green, for 3 mm cable

760251015 | P-032-MP-8G1-F16YL



Fiber indoor cable, Plenum MPO Trunk, 32 fiber with 16 fiber subunits,, Singlemode G.657.A2/B2 Feet jacket marking, Yellow 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 Type MPO trunk cable

Construction Type Non-armored

Subunit Type Gel-free

Jacket Color Yellow

Jacket Marking Feet

Subunit, quantity 2

Fibers per Subunit, quantity 16

Total Fiber Count 32

Dimensions

Height Over Jacket3.9 mm | 0.154 inWidth Over Jacket6.9 mm | 0.272 in

Buffer Tube/Subunit Diameter 3 mm | 0.118 in

Mechanical Specifications

Minimum Bend Radius, loaded58 mm | 2.283 inMinimum Bend Radius, unloaded39 mm | 1.535 inTensile Load, long term, maximum200 N | 44.962 lbf

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760251015 | P-032-MP-8G1-F16YL

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

Flex 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 500 m | 1,640.42 ft

Optical Specifications

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

Environmental Specifications

Installation temperature0 °C to +70 °C (+32 °F to +158 °F)Operating Temperature0 °C to +70 °C (+32 °F to +158 °F)Storage Temperature-40 °C to +70 °C (-40 °F to +158 °F)

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 Bend0 °C to +70 °C (+32 °F to +158 °F)Low High Bend Test MethodFOTP-37 | IEC 60794-1 E11Temperature Cycle0 °C to +70 °C (+32 °F to +158 °F)

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



760251015 | P-032-MP-8G1-F16YL

Packaging and Weights

Cable weight 29 kg/km | 19.487 lb/kft

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable



860661398



Fiber Optic Connector Kit, singlemode, OS2, MPO-16/APC, ULL, pinned, green, for 3 mm cable

Product Classification

Regional Availability

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

Portfolio CommScope®
Product Type Fiber connector

General Specifications

ColorGreenColor, bootBlackFerrule GeometryAngled

Interface MPO/APC Male

Interface Feature Pinned

Dimensions

Compatible Cable Diameter 3 mm | 0.118 in

Optical Specifications

Fiber Mode Singlemode

Fiber TypeOS2Insertion Loss, maximum0.3 dBReturn Loss, minimum65 dB

Packaging and Weights

Packaging quantity 1

Regulatory Compliance/Certifications

Agency Classification

CHINA-ROHS Below maximum concentration value

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

COMMSCOPE®

860661398

REACH-SVHC Compliant as per SVHC revision on www.commscope.com/ProductCompliance

ROHS Compliant UK-ROHS Compliant

