PPLUJG8LCQX8



Propel ULL Singlemode Cabled Module, 1x8 duplex LC Propel module on End A to 1x8f MPO/UPC pinned on End B, 8 fiber LSZH Trunk, Method B Enhanced

- This component requires 2 of the 12 lanes on the Propel Panel blade
- Ultra-low loss (ULL) with Method B Enhanced polarity
- End A module can be installed from rear of panel
- Serialized QR code provides easy access to factory optical test results

Product Classification

Regional Availability

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

Portfolio SYSTIMAX®

Product Type Fiber cabled module

Product Brand Propel
Product Series PPL

Ordering Note For lengths greater than 999 ft (304 m), orders must be in meters | Maximum length is

400 meters

General Specifications

Configuration Type PROPEL Module to MPO Connector

Cable Color Yellow

Cable Type Trunk Cable - LSZH

Interface, front LC/UPC

Interface Feature, front Duplex | Shuttered

Interface Color, front Blue

Interface, rear MPO-08/UPC Male

Interface Feature, rear Key up/up | Pinned

Module Size, end A 8 fiber

Module Size, end B 8 fiber

Module Quantity, end A 1

Module Quantity, end B

Polarity Method B Enhanced (ULL)

Total Fibers, quantity 8

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Total Ports, quantity, front 4

Dimensions

 Height
 11 mm | 0.433 in

 Width
 65 mm | 2.559 in

 Depth
 170 mm | 6.693 in

Breakout Length, end B 12 in | 120 in | 33 in | 36 in | 48 in | 60 in | 72 in

Cable Assembly Length Range (m) 1 - 400 Cable Assembly Length Range (ft) 2 - 999

Ordering Tree



Optical Specifications

Fiber Mode Singlemode

Fiber Type OS2
Insertion Loss, maximum 0.6 dB

Environmental Specifications

Qualification Standards IEC 61753-1 | TIA-568.3-D

Safety Standard c-UL-us

Packaging and Weights

COMMSCOPE®

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Packaging quantity

1

Regulatory Compliance/Certifications

Agency Classification

CHINA-ROHS Above maximum concentration value

ROHS Compliant/Exempted

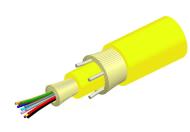
UK-ROHS Compliant



Included Products

760245569 – Fiber indoor cable, Low Smoke Zero Halogen Riser MPO Trunk with 2.0mm Subunits, 8 fiber, N-008-MP-8G1-F08YL/20T/D Singlemode G.657.A2/B2, Feet jacket marking, Yellow jacket color, Dca flame rating





Fiber indoor cable, Low Smoke Zero Halogen Riser MPO Trunk with 2.0 mm Subunits, 8 fiber, Singlemode G.657.A2/B2, 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 TypeMPO trunk cable

Construction Type Non-armored

Subunit Type Gel-free

Jacket Color Yellow

Jacket Color Yellow

Jacket Marking Feet

Total Fiber Count

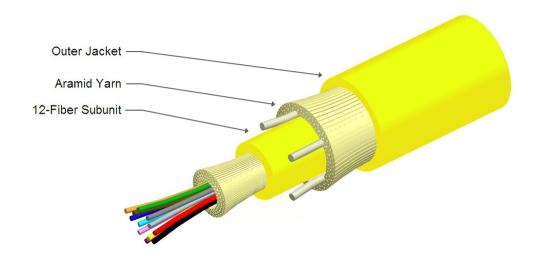
Dimensions

Buffer Tube/Subunit Diameter 2 mm | 0.079 in

Diameter Over Jacket 4.7 mm | 0.185 in

Representative Image





Mechanical Specifications

Minimum Bend Radius, loaded

Minimum Bend Radius, unloaded

Tensile Load, long term, maximum

Tensile Load, short term, maximum

Compression

Compression Test Method

Flex

Flex Test Method

Impact

Impact Test Method

Strain

Strain Test Method

Twist

Twist Test Method

Vertical Rise, maximum

Optical Specifications

Fiber Type

71 mm | 2.795 in

47 mm | 1.85 in

133 N | 29.9 lbf

445 N | 100.04 lbf

10 N/mm | 57.101 lb/in

FOTP-41 | IEC 60794-1 E3

300 cycles

FOTP-104 | IEC 60794-1 E6

2.94 N-m | 26.021 in lb

FOTP-25 | IEC 60794-1 E4

See long and short term tensile loads

FOTP-33 | IEC 60794-1 E1

10 cycles

FOTP-85 | IEC 60794-1 E7

500 m | 1,640.42 ft

G.657.A2/B2 | G.657.A2/B2

Environmental Specifications

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Installation temperature $0 \, ^{\circ}\text{C} \text{ to } +60 \, ^{\circ}\text{C} \text{ (+32 } ^{\circ}\text{F to } +140 \, ^{\circ}\text{F)}$

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 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 Bend0 °C to +60 °C (+32 °F to +140 °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

Packaging and Weights

Cable weight 22.8 kg/km | 15.321 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