PPLU3GDLCUCH



Propel ULL Singlemode Cabled Module, 4x12 duplex LC Propel module on End A to Stub on End B, 48 fiber B2ca Trunk, Method B Enhanced

- This component requires 3 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 Stub

Cable Color Yellow

Cable Type Trunk Cable - LSZH Class B2ca

Interface, front LC/UPC

Interface Feature, front Duplex | Shuttered

Interface Color, front

Interface, rear

Stub

Module Size, end A

24 fiber

Module Size, end B

24 fiber

Module Quantity, end A 4
Module Quantity, end B 4

Polarity Method B Enhanced (ULL)

Total Fibers, quantity 48

Total Ports, quantity, front 24

Dimensions

COMMSC PE®

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 Height
 11 mm | 0.433 in

 Width
 196 mm | 7.717 in

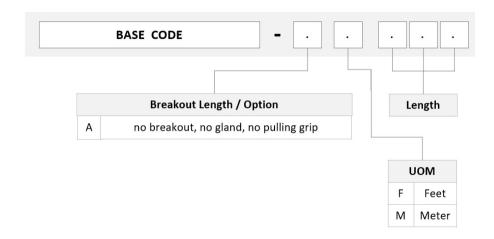
 Depth
 170 mm | 6.693 in

Breakout Length, end B 0 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

Packaging quantity 1

Regulatory Compliance/Certifications

Agency Classification

COMMSC PE®

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CHINA-ROHS Above maximum concentration value

ROHS Compliant/Exempted UK-ROHS Compliant/Exempted



Included Products

760249608 N-048-MP-8G1-F12YL/20T/B2 Fiber indoor cable, Low Smoke Zero Halogen Riser MPO Trunk, 48 fiber with 2.0 mm Subunits, Singlemode G.657.A2/B2, Feet jacket marking, Yellow jacket color, B2ca flame rating



760249608 | N-048-MP-8G1-F12YL/20T/B2



Fiber indoor cable, Low Smoke Zero Halogen Riser MPO Trunk, 48 fiber with 2.0 mm Subunits, Singlemode G.657.A2/B2, Feet jacket marking, Yellow jacket color, B2ca flame rating

Product Classification

Regional Availability

Asia | Australia/New Zealand | EMEA

 Portfolio
 CommScope®

 Product Type
 Fiber indoor cable

Product Series N-MP

General Specifications

MPO trunk cable **Cable Type Construction Type** Non-armored Gel-free **Subunit Type** Yellow **Jacket Color** Feet **Jacket Marking** 4 Subunit, quantity Fibers per Subunit, quantity 12 **Total Fiber Count** 48

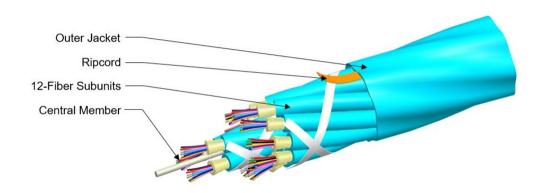
Dimensions

Buffer Tube/Subunit Diameter2 mm | 0.079 inDiameter Over Jacket7.8 mm | 0.307 in

Representative Image



760249608 | N-048-MP-8G1-F12YL/20T/B2



Mechanical Specifications

Minimum Bend Radius, loaded 116 mm | 4.567 in

Minimum Bend Radius, unloaded 78 mm | 3.071 in

Tensile Load, long term, maximum 200 N | 44.962 lbf

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 25 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 336 m | 1,102.362 ft

Optical Specifications

Fiber Type G.657.A2/B2 | OS2

Environmental Specifications

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

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

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760249608 | N-048-MP-8G1-F12YL/20T/B2

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 B2ca
EN50575 CPR Cable EuroClass Smoke Rating s1a

EN50575 CPR Cable EuroClass Droplets Rating d0

EN50575 CPR Cable EuroClass Acidity Rating a1

Environmental Space Low Smoke Zero Halogen (LSZH)

Flame Test Method IEC 60332-3 | IEC 60754-2 | IEC 61034-2

Environmental Test Specifications

Low High Bend $0 \,^{\circ}\text{C to } +70 \,^{\circ}\text{C (+32 °F to } +158 \,^{\circ}\text{F)}$

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 60.8 kg/km | 40.856 lb/kft

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

