PPLA3GDLCMPK



Propel ULL Singlemode Cabled Module, 6x12 duplex LC Propel module on End A to 1x12f MPO/UPC non-pinned on End B, 72 fiber B2ca Trunk, Method A

- This component requires 3 of the 12 lanes on the Propel Panel blade
- Ultra-low loss (ULL) with Method A 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 Class B2ca

Interface, front LC/UPC

Interface Feature, front Duplex | Shuttered

Interface Color, front Blue

Interface, rear MPO-12/UPC Female

Interface Feature, rear Key up/down | Unpinned

Module Size, end A 12 fiber

Module Size, end B 12 fiber

Module Quantity, end A 6

Module Quantity, end B 6

Polarity Method A

Total Fibers, quantity 72

COMMSC PE°

PPLA3GDLCMPK

Total Ports, quantity, front 36

Dimensions

 Height
 11 mm | 0.433 in

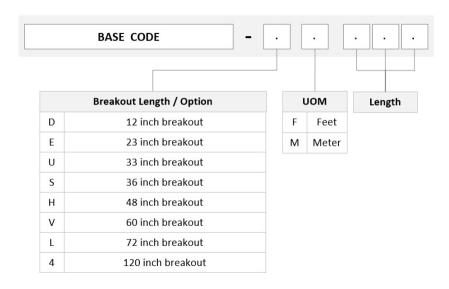
 Width
 98 mm | 3.858 in

 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®

PPLA3GDLCMPK

Packaging quantity

1

Regulatory Compliance/Certifications

Agency Classification

CHINA-ROHS Above maximum concentration value

ROHS Compliant/Exempted

UK-ROHS Compliant



Included Products

760249609 – Fiber indoor cable, Low Smoke Zero Halogen Riser MPO Trunk, 72 fiber with 2.0 mm Subunits, N-072-MP-8G1-F12YL/20T/B2 Singlemode G.657.A2/B2, Feet jacket marking, Yellow jacket color, B2ca flame rating



760249609 | N-072-MP-8G1-F12YL/20T/B2



Fiber indoor cable, Low Smoke Zero Halogen Riser MPO Trunk, 72 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

PortfolioCommScope®Product TypeFiber 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** 6 Subunit, quantity Fibers per Subunit, quantity 12 **Total Fiber Count** 72

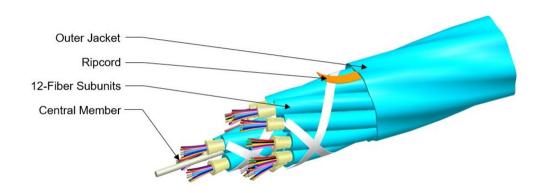
Dimensions

Buffer Tube/Subunit Diameter2 mm0.079 inDiameter Over Jacket9 mm0.354 in

Representative Image



760249609 | N-072-MP-8G1-F12YL/20T/B2



Mechanical Specifications

Minimum Bend Radius, loaded 135 mm | 5.315 in

Minimum Bend Radius, unloaded 92 mm | 3.622 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 243 m | 797.244 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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N-072-MP-8G1-F12YL/20T/B2 760249609

-40 °C to +70 °C (-40 °F to +158 °F) **Storage Temperature**

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 d0 **EN50575 CPR Cable EuroClass Droplets Rating**

EN50575 CPR Cable EuroClass Acidity Rating a1 Low Smoke Zero Halogen (LSZH)

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

Environmental Test Specifications

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 83.9 kg/km | 56.378 lb/kft

* Footnotes

Environmental Space

Operating Temperature Specification applicable to non-terminated bulk fiber cable

