## PPLA3GDLCMXP



Propel ULL Singlemode Cabled Module, 24x12 duplex LC Propel module on End A to 1x12f MPO/UPC pinned on End B, 288 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 Male

Interface Feature, rear Key up/down | Pinned

Module Size, end A12 fiberModule Size, end B12 fiberModule Quantity, end A24Module Quantity, end B24

**Polarity** Method A

Total Fibers, quantity 288

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Total Ports, quantity, front 144

**Dimensions** 

 Height
 11 mm | 0.433 in

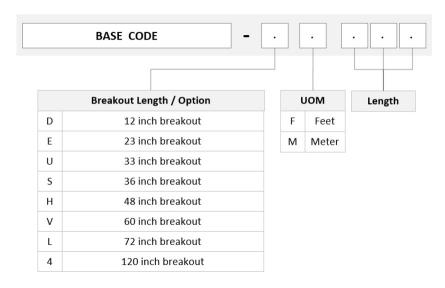
 Width
 196 mm | 7.717 in

 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®

# PPLA3GDLCMXP

#### **Packaging quantity**

1

## Regulatory Compliance/Certifications

Agency Classification

CHINA-ROHS Above maximum concentration value

ROHS Compliant/Exempted UK-ROHS Compliant/Exempted



#### Included Products

760249612 – Fiber indoor cable, Low Smoke Zero Halogen Riser MPO Trunk, 288 fiber with 2.0 mm Subunits, N-288-MP-8G1-F12YL/20T/B2 Singlemode G.657.A2/B2, Feet jacket marking, Yellow jacket color, B2ca flame rating



# 760249612 | N-288-MP-8G1-F12YL/20T/B2



Fiber indoor cable, Low Smoke Zero Halogen Riser MPO Trunk, 288 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** 24 Subunit, quantity 12 Fibers per Subunit, quantity **Total Fiber Count** 288

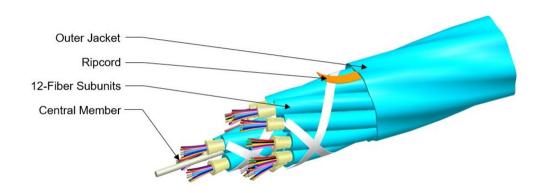
#### **Dimensions**

Buffer Tube/Subunit Diameter2 mm | 0.079 inDiameter Over Jacket14.7 mm | 0.579 in

### Representative Image



# 760249612 | N-288-MP-8G1-F12YL/20T/B2



### Mechanical Specifications

Minimum Bend Radius, loaded 221 mm | 8.701 in

Minimum Bend Radius, unloaded147 mm5.787 inTensile Load, long term, maximum200 N44.962 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** 99 m | 324.803 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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Storage Temperature -40 °C to +70 °C (-40 °F to +158 °F)

Cable Qualification Standards ANSI/ICEA S-83-596 | Telcordia GR-409

EN50575 CPR Cable EuroClass Fire PerformanceB2caEN50575 CPR Cable EuroClass Smoke Ratings1aEN50575 CPR Cable EuroClass Droplets Ratingd1

Environmental Space Dual Rated LSZH/Riser | Low Smoke Zero Halogen (LSZH) | Riser

a1

Flame Test Listing NEC OFNR-ST1 (ETL) and c(ETL)

Flame Test Method CSA FT4 | IEC 60332-3 | IEC 60754-2 | IEC 61034-2 | UL

1666 | UL 1685

**Environmental Test Specifications** 

**EN50575 CPR Cable EuroClass Acidity Rating** 

 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** 205.7 kg/km | 138.224 lb/kft

#### \* Footnotes

**Operating Temperature** Specification applicable to non-terminated bulk fiber cable

