## PPLU3VDLCMXF



Propel ULL Multimode OM5 Cabled Module, 2x12 duplex LC Propel module on End A to 1x12f MPO/UPC pinned on End B, 24 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 MPO Connector

Cable Color Lime green

Cable Type Trunk Cable - LSZH Class B2ca

Interface, front LC/UPC

Interface Feature, front Duplex | Shuttered

Interface Color, front Lime green

Interface, rear MPO-12/UPC Male

Interface Feature, rear Key up/up | Pinned

Module Size, end A12 fiberModule Size, end B12 fiber

Module Quantity, end A 2
Module Quantity, end B 2

Polarity Method B Enhanced (ULL)

Total Fibers, quantity 24

**COMMSCOPE®** 

## PPLU3VDLCMXF

Total Ports, quantity, front 12

**Dimensions** 

 Height
 11 mm | 0.433 in

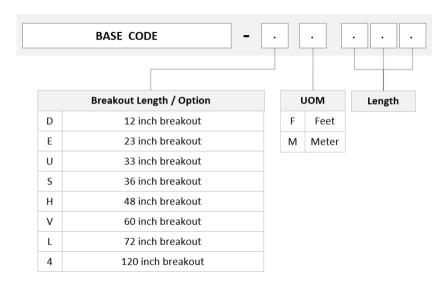
 Width
 98 mm | 3.858 in

 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 ModeMultimodeFiber TypeOM5Insertion Loss, maximum0.35 dB

#### **Environmental Specifications**

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

Safety Standard c-UL-us

Packaging and Weights

COMMSCOPE®

# PPLU3VDLCMXF

#### **Packaging quantity**

1

## Regulatory Compliance/Certifications

Agency Classification

CHINA-ROHS Above maximum concentration value

ROHS Compliant/Exempted

UK-ROHS Compliant

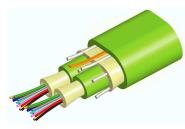


#### Included Products

760249523 N-024-MP-5G-F12LM/20T/B2 Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser MPO Trunk, 24 fiber with 12 fiber 2.0mm subunits, Gel-free, Multimode OM5, Feet jacket marking, Lime green jacket color, B2ca flame rating



## 760249523 | N-024-MP-5G-F12LM/20T/B2



Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser MPO Trunk, 24 fiber with 12 fiber 2.0mm subunits, Gel-free, Multimode OM5, Feet jacket marking, Lime green 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

Cable TypeMPO trunk cable

Construction Type Non-armored

**Subunit Type** Gel-free

Jacket Color Lime green

**Jacket Marking** Feet

Subunit, quantity 2

Fibers per Subunit, quantity 12

Total Fiber Count 24

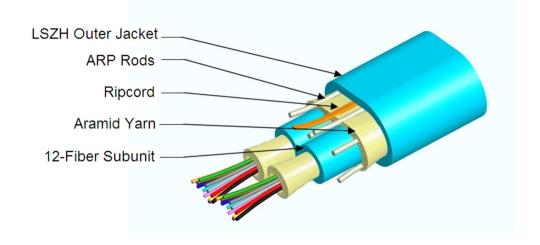
#### **Dimensions**

Height Over Jacket5.4 mm | 0.213 inWidth Over Jacket7.4 mm | 0.291 inBuffer Tube/Subunit Diameter2 mm | 0.079 in

#### Representative Image



# 760249523 | N-024-MP-5G-F12LM/20T/B2



#### Mechanical Specifications

Minimum Bend Radius, loaded81 mm | 3.189 inMinimum Bend Radius, unloaded54 mm | 2.126 inTensile Load, long term, maximum200 N | 44.962 lbfTensile Load, short term, maximum667 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** 437 m | 1,433.727 ft

**Optical Specifications** 

Fiber Type OM5, LazrSPEED® wideband

**Environmental Specifications** 

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

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

**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 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 +60  $^{\circ}\text{C}$  (+32  $^{\circ}\text{F}$  to +140  $^{\circ}\text{F}$ )

**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** 46.7 kg/km | 31.381 lb/kft

\* Footnotes

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

