## **PPLUJXDLCUCP**



Propel ULL Multimode OM4 Cabled Module, 24x12 duplex LC Propel module on End A to Stub on End B, 288 fiber LSZH 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 Aqua

Cable Type Trunk Cable - LSZH

Interface, front LC/UPC

Interface Feature, front Duplex | Shuttered

Interface Color, frontAquaInterface, rearStubModule Size, end A12 fiberModule Quantity, end A24

Polarity Method B Enhanced (ULL)

Total Fibers, quantity 288

Total Ports, quantity, front 144

**Dimensions** 

**Height** 11 mm | 0.433 in

**COMMSCOPE®** 

## PPLUJXDLCUCP

 Width
 196 mm | 7.717 in

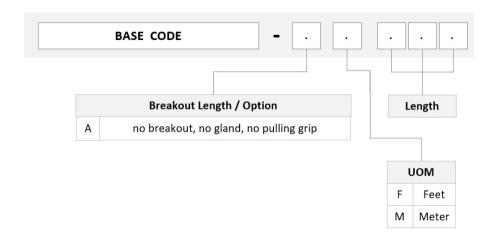
 Depth
 170 mm | 6.693 in

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 Multimode

Fiber Type OM4
Insertion Loss, maximum 0.35 dB

### **Environmental Specifications**

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

Safety Standard c-UL-us

Packaging and Weights

Packaging quantity

### Regulatory Compliance/Certifications

Agency Classification

CHINA-ROHS Above maximum concentration value

ROHS Compliant/Exempted

Page 2 of 6

# **PPLUJXDLCUCP**

**UK-ROHS** 

Compliant/Exempted



### Included Products

760249632 N-288-MP-5K-F12AQ/20T/B2 Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser MPO Trunk, 288 fiber with 2.0 mm Subunits, Multimode OM4, Gel-free, Feet jacket marking, Aqua jacket color, B2ca flame rating



# 760249632 | N-288-MP-5K-F12AQ/20T/B2



Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser MPO Trunk, 288 fiber with 2.0mm Subunits, Multimode OM4, Gel-free, Feet jacket marking, Aqua 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 Jacket Color** Aqua **Jacket Marking** Feet 24 Subunit, quantity 12 Fibers per Subunit, quantity **Total Fiber Count** 288

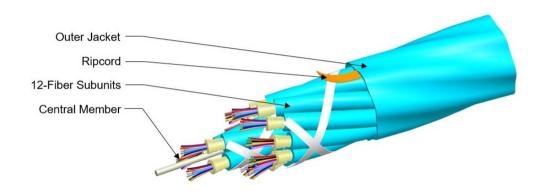
#### **Dimensions**

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

### Representative Image



# 760249632 | N-288-MP-5K-F12AQ/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 OM4, LazrSPEED® 550

### **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  $^{\circ}\text{F}$ )

Page 5 of 6



# 760249632 | N-288-MP-5K-F12AQ/20T/B2

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

