## PPLUGXDLCMPP



Propel ULL Multimode OM4 Cabled Module, 24x12 duplex LC Propel module on End A to 1x12f MPO/UPC non-pinned on End B, 288 fiber Plenum 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 Agua

Cable Type Trunk Cable - Plenum

Interface, front LC/UPC

Interface Feature, front Duplex | Shuttered

Interface Color, front Aqua

Interface, rear MPO-12/UPC Female

Interface Feature, rear Key up/up | Unpinned

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

**Polarity** Method B Enhanced (ULL)

Total Fibers, quantity 288

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# **PPLUGXDLCMPP**

Total Ports, quantity, front 144

**Dimensions** 

 Height
 11 mm | 0.433 in

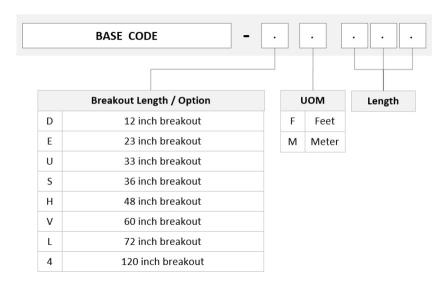
 Width
 98 mm | 3.858 in

 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 TypeOM4Insertion Loss, maximum0.35 dB

#### **Environmental Specifications**

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

Safety Standard c-UL-us

Packaging and Weights

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# **PPLUGXDLCMPP**

#### **Packaging quantity**

1

## Regulatory Compliance/Certifications

Agency Classification

CHINA-ROHS Above maximum concentration value

ROHS Compliant/Exempted

UK-ROHS Compliant



## Included Products

760251164 P-288-MP-5K-F12AQ/20T Fiber indoor cable, LazrSPEED® Plenum MPO Trunk, 288 fiber multi-unit with 12 fiber subunits,
 Multimode OM4, Gel-free, Feet jacket marking, Aqua jacket color



# 760251164 | P-288-MP-5K-F12AQ/20T



Fiber indoor cable, LazrSPEED® Plenum MPO Trunk, 288 fiber multiunit with 12 fiber subunits, Multimode OM4, Gel-free, Feet jacket marking, Aqua jacket color

#### **Product Classification**

Regional Availability

Asia | Australia/New Zealand | Latin America | Middle East

/Africa | North America

Portfolio CommScope®

Product Type Fiber indoor cable

**Product Series** P-MP

General Specifications

Cable TypeMPO trunk cable

Construction Type Non-armored

**Subunit Type** Gel-free

Jacket Color Aqua

Jacket Marking Feet

Subunit, quantity 24

Fibers per Subunit, quantity 12

Total Fiber Count 288

**Dimensions** 

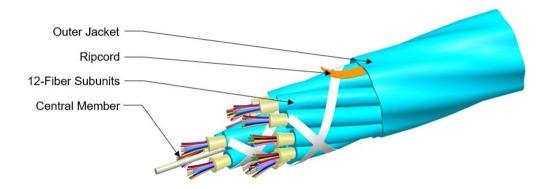
**Buffer Tube/Subunit Diameter** 2 mm | 0.079 in

**Diameter Over Jacket** 14.1 mm | 0.555 in

Representative Image



# 760251164 | P-288-MP-5K-F12AQ/20T



### Mechanical Specifications

Minimum Bend Radius, loaded 212 mm | 8.346 in

Minimum Bend Radius, unloaded 141 mm | 5.551 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 300 cycles

FIEX 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** 95 m | 311.68 ft

Optical Specifications

Fiber Type OM4, LazrSPEED® 550

### **Environmental Specifications**

Installation temperature  $0 \, ^{\circ}\text{C} \, \text{to} + 70 \, ^{\circ}\text{C} \, (+32 \, ^{\circ}\text{F} \, \text{to} + 158 \, ^{\circ}\text{F})$ Operating Temperature  $0 \, ^{\circ}\text{C} \, \text{to} + 70 \, ^{\circ}\text{C} \, (+32 \, ^{\circ}\text{F} \, \text{to} + 158 \, ^{\circ}\text{F})$ Storage Temperature  $-40 \, ^{\circ}\text{C} \, \text{to} + 70 \, ^{\circ}\text{C} \, (-40 \, ^{\circ}\text{F} \, \text{to} + 158 \, ^{\circ}\text{F})$ 

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

Environmental Space Plenum

Flame Test Listing

NEC OFNP (ETL) and c(ETL)

Flame Test Method

NFPA 130 | NFPA 262

**Environmental Test Specifications** 

**Heat Age** 0 °C to +85 °C (+32 °F to +185 °F)

Heat Age Test Method IEC 60794-1 F9

**Low High Bend**  $0 \degree \text{C to } +70 \degree \text{C (} +32 \degree \text{F to } +158 \degree \text{F)}$ 

**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** 215 kg/km | 144.473 lb/kft

\* Footnotes

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

