## **PPLURXDLCMXD**



Propel ULL Multimode OM4 Cabled Module, 1x12 duplex LC Propel module on End A to 1x12f MPO/UPC pinned on End B, 12 fiber LSZH Patchcord, 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 Modules with patch cord cable are single subunit, and have no additional outer jacket

### General Specifications

**Configuration Type** PROPEL Module to MPO Connector

Cable Color Aqua

**Cable Type** Patch cord LSZH

Interface, front LC/UPC

Interface Feature, front Duplex | Shuttered

Interface Color, front Aqua

Interface, rear MPO-12/UPC Male

Interface Feature, rear Key up/up | Pinned

Module Size, end A 12 fiber

Module Size, end B 12 fiber

Module Quantity, end A 1

Module Quantity, end B 1

**Polarity** Method B Enhanced (ULL)

Total Fibers, quantity 12

Total Ports, quantity, front 6

**COMMSCOPE®** 

## **PPLURXDLCMXD**

#### **Dimensions**

 Height
 11 mm | 0.433 in

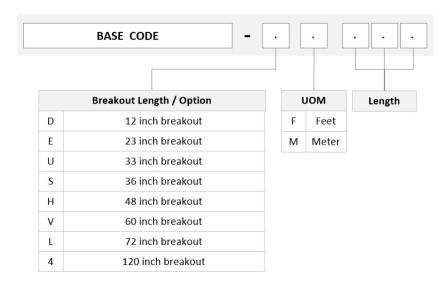
 Width
 65 mm | 2.559 in

 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

Packaging quantity 1

COMMSCOPE®

# **PPLURXDLCMXD**

## Regulatory Compliance/Certifications

Agency Classification

CHINA-ROHS Above maximum concentration value

ROHS Compliant/Exempted UK-ROHS Compliant/Exempted

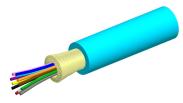


#### Included Products

760229195 – Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser Light Duty Interconnect, 12 N-012-MP-5K-F20AQ/E fiber, Multimode OM4, Feet jacket marking, Aqua jacket color, Eca flame rating



## 760229195 | N-012-MP-5K-F20AQ/E



Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser Light Duty Interconnect, 12 fiber, Multimode OM4, Feet jacket marking, Aqua jacket color, Eca flame rating

#### **Product Classification**

Regional Availability

Asia | Australia/New Zealand | EMEA | Latin America | North

America

 Portfolio
 CommScope®

 Product Type
 Fiber indoor cable

**Product Series** N-MP

## General Specifications

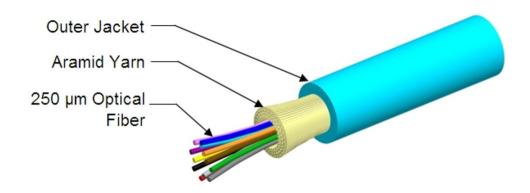
Cable TypeMPO trunk cableConstruction TypeNon-armoredSubunit TypeGel-freeJacket ColorAqua

Jacket Marking Feet
Total Fiber Count 12

**Dimensions** 

**Diameter Over Armor** 2 mm | 0.079 in

## Representative Image



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# 760229195 | N-012-MP-5K-F20AQ/E

## Mechanical Specifications

Minimum Bend Radius, loaded38 mm1.496 inMinimum Bend Radius, unloaded16 mm0.63 inTensile Load, long term, maximum33 N7.419 lbf

Tensile Load, short term, maximum 111 N | 24.954 lbf

Compression 4 N/mm | 22.841 lb/in

**Compression Test Method** FOTP-41 | IEC 60794-1 E3

Flex 300 cycles

Flex Test Method FOTP-104 | IEC 60794-1 E6

**Impact** 0.74 N-m | 6.55 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** 500 m | 1,640.42 ft

**Optical Specifications** 

Fiber Type OM4, LazrSPEED® 550 | OM4, LazrSPEED® 550

## **Environmental Specifications**

Installation temperature  $0 \, ^{\circ}\text{C} \, \text{to} + 60 \, ^{\circ}\text{C} \, (+32 \, ^{\circ}\text{F} \, \text{to} + 140 \, ^{\circ}\text{F})$ Operating Temperature  $0 \, ^{\circ}\text{C} \, \text{to} + 70 \, ^{\circ}\text{C} \, (+32 \, ^{\circ}\text{F} \, \text{to} + 158 \, ^{\circ}\text{F})$ Storage Temperature  $-40 \, ^{\circ}\text{C} \, \text{to} + 70 \, ^{\circ}\text{C} \, (-40 \, ^{\circ}\text{F} \, \text{to} + 158 \, ^{\circ}\text{F})$ 

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

EN50575 CPR Cable EuroClass Fire Performance Eca

Environmental Space Low Smoke Zero Halogen (LSZH) | Riser

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

Flame Test Method | IEC 60332-3 | IEC 60754-2 | IEC 61034-2 | UL 1666 | UL 1685

**Environmental Test Specifications** 

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

Heat Age Test Method IEC 60794-1 F9

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# 760229195 | N-012-MP-5K-F20AQ/E

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

**Temperature Cycle Test Method** FOTP-3 | IEC 60794-1 F1

Packaging and Weights

Cable weight 3.7 kg/km | 2.486 lb/kft

#### Regulatory Compliance/Certifications

Agency Classification

CENELEC EN 50575 compliant, Declaration of Performance (DoP) available

CHINA-ROHS Below maximum concentration value

ISO 9001:2015 Designed, manufactured and/or distributed under this quality management system

REACH-SVHC Compliant as per SVHC revision on www.commscope.com/ProductCompliance

ROHS Compliant UK-ROHS Compliant



### \* Footnotes

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

