## PPLUQX8LCQX8



Propel ULL Multimode OM4 Cabled Module, 1x4 duplex LC Propel module on End A to 1x8f MPO/UPC pinned on End B, 8 fiber Plenum patch cord cable, Method B Enhanced

- This component requires 2 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 Plenum

Interface, front LC/UPC

Interface Feature, front Duplex | Shuttered

Interface Color, front Aqua

Interface, rear MPO-08/UPC Male

Interface Feature, rear Key up/up | Pinned

Module Size, end A 8 fiber

Module Size, end B 8 fiber

Module Quantity, end A

Module Quantity, end B

**Polarity** Method B Enhanced (ULL)

Total Fibers, quantity 8

Total Ports, quantity, front 4

**COMMSCOPE®** 

## PPLUQX8LCQX8

#### **Dimensions**

 Height
 11 mm | 0.433 in

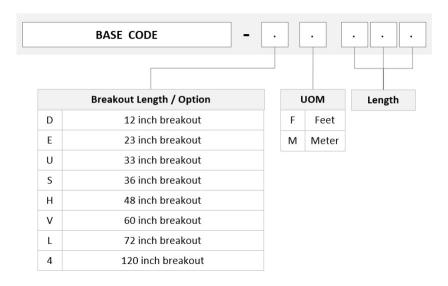
 Width
 65 mm | 2.559 in

 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

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# PPLUQX8LCQX8

## Regulatory Compliance/Certifications

Agency Classification

CHINA-ROHS Above maximum concentration value

ROHS Compliant/Exempted UK-ROHS Compliant/Exempted

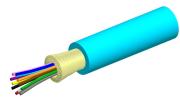


#### Included Products

760248403 – Fiber indoor cable, LazrSPEED® Plenum MPO Light Duty for Patchcords, 8 fiber, Multimode P-008-MP-5K-F20AQ OM4, Feet jacket marking, Aqua jacket color



## 760248403 | P-008-MP-5K-F20AQ



Fiber indoor cable, LazrSPEED® Plenum MPO Light Duty for Patchcords, 8 fiber, Multimode OM4, 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 Type
 MPO trunk cable

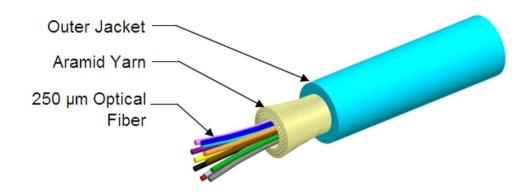
 Construction Type
 Non-armored

Subunit TypeGel-freeJacket ColorAquaJacket MarkingFeetTotal Fiber Count8

**Dimensions** 

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

### Representative Image



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## 760248403 | P-008-MP-5K-F20AQ

## Mechanical Specifications

Minimum Bend Radius, loaded38 mm | 1.496 inMinimum Bend Radius, unloaded16 mm | 0.63 inTensile Load, long term, maximum33 N | 7.419 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  $0 \, ^{\circ}\text{C} \, \text{to} + 70 \, ^{\circ}\text{C} \, (+32 \, ^{\circ}\text{F} \, \text{to} + 158 \, ^{\circ}\text{F})$ Operating Temperature  $0 \, ^{\circ}\text{C} \, \text{to} + 70 \, ^{\circ}\text{C} \, (+32 \, ^{\circ}\text{F} \, \text{to} + 158 \, ^{\circ}\text{F})$ Storage Temperature  $-40 \, ^{\circ}\text{C} \, \text{to} + 70 \, ^{\circ}\text{C} \, (-40 \, ^{\circ}\text{F} \, \text{to} + 158 \, ^{\circ}\text{F})$ 

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

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## 760248403 | P-008-MP-5K-F20AQ

**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 4.3 kg/km | 2.889 lb/kft

\* Footnotes

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

