## PPLAJX8LCQPF

Propel ULL Multimode OM4 Cabled Module, 3x8 duplex LC Propel module on End A to 1x8f MPO /UPC non-pinned on End B, 24 fiber LSZH Trunk, Method A

- This component requires 2 of the 12 lanes on the Propel Panel blade
- Ultra-low loss (ULL) with Method A 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 Aqua

Cable TypeTrunk Cable - LSZH

Interface, front LC/UPC

Interface Feature, front Duplex | Shuttered

Interface Color, front Aqua

Interface, rear MPO-08/UPC Female

Interface Feature, rear Key up/down | Unpinned

Module Size, end A 8 fiber

Module Size, end B 8 fiber

Module Quantity, end A 3

Module Quantity, end B

**Polarity** Method A

Total Fibers, quantity 24

Total Ports, quantity, front 12

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### **Dimensions**

 Height
 11 mm | 0.433 in

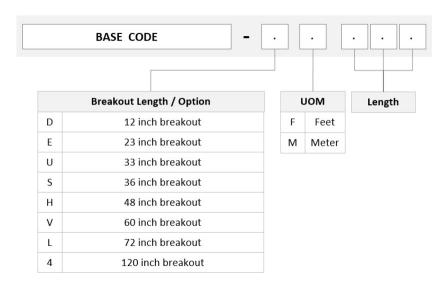
 Width
 65 mm | 2.559 in

 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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## Regulatory Compliance/Certifications

#### Agency Classification

CHINA-ROHS Below maximum concentration value

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

ROHS Compliant UK-ROHS Compliant



### Included Products

760248164 – Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser MPO Trunk, 24 fiber multi-unit with 8 fiber 2.0mm subunits, Gel-free, Multimode OM4, Feet jacket marking, Aqua jacket color,

Dca flame rating



# 760248164 | N-024-MP-5K-F08AQ/20T/D



Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser MPO Trunk, 24 fiber multi-unit with 8 fiber 2.0mm subunits, Gel-free, Multimode OM4, Feet jacket marking, Aqua jacket color, Dca 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 Type MPO trunk cable

Construction Type Non-armored

**Subunit Type** Gel-free

Jacket Color Agua

Jacket Marking Feet

Subunit, quantity 3

Fibers per Subunit, quantity 8

Total Fiber Count 24

**Dimensions** 

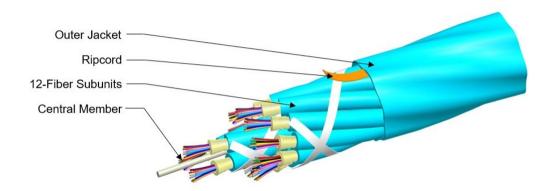
Buffer Tube/Subunit Diameter2 mm0.079 inDiameter Over Jacket7 mm0.276 in

Representative Image



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200 N | 44.962 lbf



## Mechanical Specifications

Tensile Load, long term, maximum

Minimum Bend Radius, loaded 105 mm | 4.134 in

Minimum Bend Radius, unloaded 70 mm | 2.756 in

**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** 387 m | 1,269.685 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  $-40 \, ^{\circ}\text{C} \, \text{to} + 70 \, ^{\circ}\text{C} \, (-40 \, ^{\circ}\text{F} \, \text{to} + 158 \, ^{\circ}\text{F})$ 

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

EN50575 CPR Cable EuroClass Fire PerformanceDcaEN50575 CPR Cable EuroClass Smoke Ratings1aEN50575 CPR Cable EuroClass Droplets Ratingd1EN50575 CPR Cable EuroClass Acidity Ratinga1

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

Low High Bend $-20 \,^{\circ}\text{C}$  to  $+70 \,^{\circ}\text{C}$  (-4 °F to +158 °F)Low High Bend Test MethodFOTP-37 | IEC 60794-1 E11Temperature Cycle $0 \,^{\circ}\text{C}$  to  $+70 \,^{\circ}\text{C}$  (+32 °F to +158 °F)

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

Packaging and Weights

**Cable weight** 43.3 kg/km | 29.096 lb/kft

### \* Footnotes

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

