## PPLAGG8LCQXU

Propel ULL Singlemode Cabled Module, 8x8 duplex LC Propel module on End A to 1x8f MPO /UPC pinned on End B, 64 fiber Plenum 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 Yellow

Cable Type Trunk Cable - Plenum

Interface, front LC/UPC

Interface Feature, front Duplex | Shuttered

Interface Color, front Blue

Interface, rear MPO-08/UPC Male

Interface Feature, rear Key up/down | Pinned

Module Size, end A 8 fiber

Module Size, end B 8 fiber

Module Quantity, end A 8

Module Quantity, end B 8

Polarity Method A

Total Fibers, quantity 64

Total Ports, quantity, front 32

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#### Dimensions

 Height
 11 mm | 0.433 in

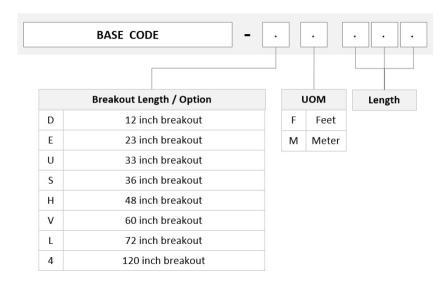
 Width
 98 mm | 3.858 in

 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 Mode** Singlemode

Fiber Type OS2
Insertion Loss, maximum 0.6 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

Fiber indoor cable, Plenum MPO Trunk, 64 fiber multi-unit with 8 fiber subunits, Singlemode G. 760248108 P-064-MP-8G1-F08YL/20T

657.A2/B2, Feet jacket marking, Yellow jacket color



# 760248108 | P-064-MP-8G1-F08YL/20T



Fiber indoor cable, Plenum MPO Trunk, 64 fiber multi-unit with 8 fiber subunits, Singlemode G.657.A2/B2, Feet jacket marking, Yellow jacket color

#### **Product Classification**

Regional Availability

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

Feet

/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 Yellow

Subunit, quantity 8

Fibers per Subunit, quantity 8

Total Fiber Count 64

**Dimensions** 

**Jacket Marking** 

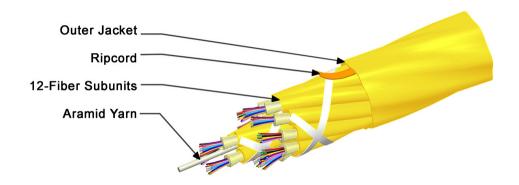
**Buffer Tube/Subunit Diameter** 2 mm | 0.079 in

**Diameter Over Jacket** 10.9 mm | 0.429 in

Representative Image



# 760248108 | P-064-MP-8G1-F08YL/20T



#### Mechanical Specifications

Minimum Bend Radius, loaded 165 mm | 6.496 in

Minimum Bend Radius, unloaded 110 mm | 4.331 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

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** 159 m | 521.654 ft

**Optical Specifications** 

**Fiber Type** G.657.A2/B2 | G.657.A2/B2

**Environmental Specifications** 

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

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# 760248108 | P-064-MP-8G1-F08YL/20T

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

**Storage Temperature**  $-40 \,^{\circ}\text{C} \text{ to } +70 \,^{\circ}\text{C} \, (-40 \,^{\circ}\text{F to } +158 \,^{\circ}\text{F})$ 

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

**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** 128.6 kg/km | 86.415 lb/kft

\* Footnotes

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

