## PPLUGG8LCUCM



Propel ULL Singlemode Cabled Module, 18x8 duplex LC Propel module on End A to Stub on End B, 144 fiber Plenum Trunk, 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 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 Stub

Cable Color Yellow

Cable Type Trunk Cable - Plenum

Interface, front LC/UPC

Interface Feature, front Duplex | Shuttered

Interface Color, frontBlueInterface, rearStubModule Size, end A8 fiberModule Quantity, end A18

Polarity Method B Enhanced (ULL)

Total Fibers, quantity 144

Total Ports, quantity, front 72

Dimensions

 Height
 11 mm | 0.433 in

 Width
 98 mm | 3.858 in

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## PPLUGG8LCUCM

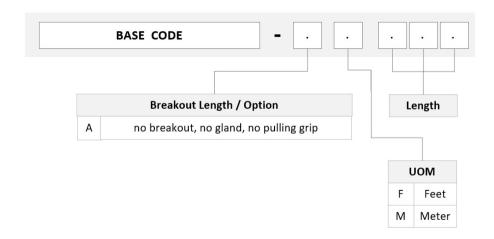
**Depth** 170 mm | 6.693 in

Breakout Length, end B 0 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

## Regulatory Compliance/Certifications

Agency Classification

CHINA-ROHS Above maximum concentration value

ROHS Compliant/Exempted UK-ROHS Compliant/Exempted

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# PPLUGG8LCUCM



### Included Products

760248109 P-144-MP-8G1-F08YL/20T Fiber indoor cable, Plenum MPO Trunk, 144 fiber multi-unit with 8 fiber subunits, Singlemode G. 657.A2/B2, Feet jacket marking, Yellow jacket color



## 760248109 | P-144-MP-8G1-F08YL/20T



Fiber indoor cable, Plenum MPO Trunk, 144 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

/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

**Jacket Marking** Feet

Subunit, quantity 18

Fibers per Subunit, quantity 8

Total Fiber Count 144

**Dimensions** 

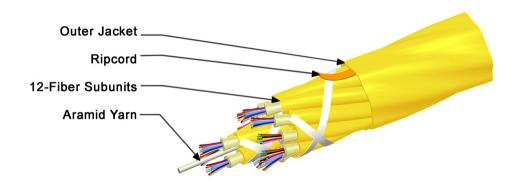
**Buffer Tube/Subunit Diameter** 2 mm | 0.079 in

**Diameter Over Jacket** 12.4 mm | 0.488 in

Representative Image



# 760248109 | P-144-MP-8G1-F08YL/20T



### Mechanical Specifications

Minimum Bend Radius, loaded 186 mm | 7.323 in

Minimum Bend Radius, unloaded124 mm4.882 inTensile Load, long term, maximum200 N44.962 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** 129 m | 423.228 ft

**Optical Specifications** 

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

**Environmental Specifications** 

**Installation temperature** 0 °C to +70 °C (+32 °F to +158 °F)

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## 760248109 | P-144-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**  $-40 \,^{\circ}\text{C to } +70 \,^{\circ}\text{C } (-40 \,^{\circ}\text{F to } +158 \,^{\circ}\text{F})$ 

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 °C to +70 °C (+32 °F to +158 °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** 157.9 kg/km | 106.104 lb/kft

\* Footnotes

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

