# PPLUGVRLCUCQ



Propel ULL Multimode OM5 Cabled Module, 8x16 duplex LC Propel module on End A to Stub on End B, 128 fiber Plenum Trunk, Method B Enhanced

- This component requires 4 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 Lime green

Cable Type Trunk Cable - Plenum

Interface, front LC/UPC

Interface Feature, front Duplex | Shuttered

Interface Color, front Lime green

Interface, rearStubModule Size, end A16 fiber

Module Quantity, end A 8

Polarity Method B Enhanced (ULL)

Total Fibers, quantity 128

Total Ports, quantity, front 64

Dimensions

**Height** 11 mm | 0.433 in

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# **PPLUGVRLCUCQ**

**Width** 65 mm | 2.559 in

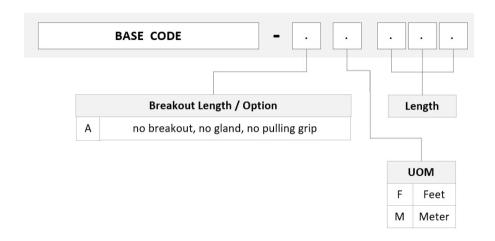
**Depth** 170 mm | 6.693 in

**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 Multimode

Fiber Type OM5
Insertion Loss, maximum 0.35 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

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**UK-ROHS** 

Compliant/Exempted



### Included Products

760251011 P-128-MP-5G-F16LM Fiber indoor cable, LazrSPEED® Plenum MPO Trunk, 128 fiber multi-unit with 16 fiber subunits,
 Multimode OM5, Gel-free, Feet jacket marking, Lime green jacket color



# 760251011 | P-128-MP-5G-F16LM



Fiber indoor cable, LazrSPEED® Plenum MPO Trunk, 128 fiber multi-unit with 16 fiber subunits, Multimode OM5, Gel-free, Feet jacket marking, Lime green 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 Type Gel-free

Jacket Color Lime green

**Jacket Marking** Feet

Subunit, quantity 8

Fibers per Subunit, quantity 16

Total Fiber Count 128

**Dimensions** 

**Buffer Tube/Subunit Diameter** 3 mm | 0.118 in

**Diameter Over Jacket** 12.25 mm | 0.482 in

Mechanical Specifications

Minimum Bend Radius, loaded 184 mm | 7.244 in

Minimum Bend Radius, unloaded 122 mm | 4.803 in

Tensile Load, long term, maximum 400 N | 89.924 lbf

Tensile Load, short term, maximum 1335 N | 300.12 lbf

Compression 10 N/mm | 57.101 lb/in

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

**COMMSCOPE®** 

## 760251011 | P-128-MP-5G-F16LM

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 265 m | 869.423 ft

**Optical Specifications** 

Fiber Type OM5, LazrSPEED® wideband | OM5, LazrSPEED® wideband

### **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 °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** 156 kg/km | 104.827 lb/kft

\* Footnotes

**COMMSCOPE®** 

# 760251011 | P-128-MP-5G-F16LM

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