## **PPLUGGRSNRPS**



Propel ULL Singlemode Cabled Module, 2x16 duplex SN Propel module on End A to 2x16 on End B, 32 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®** 

Fiber cabled module **Product Type** 

**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

Yellow **Cable Color** 

Trunk Cable - Plenum **Cable Type** 

Interface, front SN/UPC

Interface Feature, front Duplex | Shuttered

**Interface Color, front** Blue

Interface, rear MPO-16/APC Female

Interface Feature, rear Key up/up | Unpinned

Module Size, end A 16 fiber 16 fiber

Module Quantity, end A

Module Size, end B

Module Quantity, end B 2

Method B Enhanced (ULL) **Polarity** 

**Total Fibers, quantity** 32 Total Ports, quantity, front 16

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# **PPLUGGRSNRPS**

#### **Dimensions**

 Height
 11 mm | 0.433 in

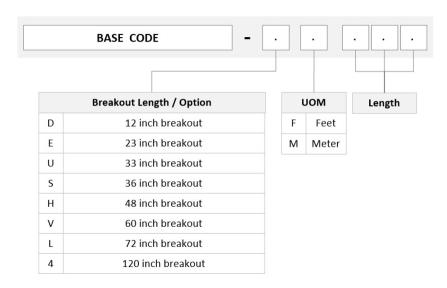
 Width
 131 mm | 5.157 in

 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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# **PPLUGGRSNRPS**

## Regulatory Compliance/Certifications

#### Agency Classification

CHINA-ROHS Above maximum concentration value

ROHS Compliant/Exempted UK-ROHS Compliant/Exempted



### Included Products

760251015 – Fiber indoor cable, Plenum MPO Trunk, 32 fiber with 16 fiber subunits,, Singlemode G.657.A2 P-032-MP-8G1-F16YL /B2 Feet jacket marking, Yellow jacket color



## 760251015 | P-032-MP-8G1-F16YL



Fiber indoor cable, Plenum MPO Trunk, 32 fiber with 16 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 Type MPO trunk cable

Construction Type Non-armored

**Subunit Type** Gel-free

**Jacket Color** Yellow

Jacket Marking Feet

Subunit, quantity 2

Fibers per Subunit, quantity 16

Total Fiber Count 32

Dimensions

Height Over Jacket3.9 mm | 0.154 inWidth Over Jacket6.9 mm | 0.272 in

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

Mechanical Specifications

Minimum Bend Radius, loaded58 mm2.283 inMinimum Bend Radius, unloaded39 mm1.535 inTensile Load, long term, maximum200 N44.962 lbf

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## 760251015 | P-032-MP-8G1-F16YL

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** 500 m | 1,640.42 ft

**Optical Specifications** 

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

### **Environmental Specifications**

Installation temperature0 °C to +70 °C (+32 °F to +158 °F)Operating Temperature0 °C to +70 °C (+32 °F to +158 °F)Storage Temperature-40 °C to +70 °C (-40 °F to +158 °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 Bend0 °C to +70 °C (+32 °F to +158 °F)Low High Bend Test MethodFOTP-37 | IEC 60794-1 E11Temperature Cycle0 °C to +70 °C (+32 °F to +158 °F)

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



# 760251015 | P-032-MP-8G1-F16YL

## Packaging and Weights

**Cable weight** 29 kg/km | 19.487 lb/kft

\* Footnotes

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

