# **PPLAGGRSNRPL**

Propel ULL Singlemode Cabled Module, 6x16 duplex SN Propel module on End A to 6x16 on End B, 96 fiber Plenum Trunk, Method A

- This component requires 4 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 TypeTrunk Cable - Plenum

Interface, front SN/UPC

Interface Feature, front Duplex | Shuttered

Interface Color, front Blue

Interface, rear MPO-16/APC Female

Interface Feature, rear Key up/down | Unpinned

Module Size, end A 16 fiber

Module Size, end B 16 fiber

Module Quantity, end A 6
Module Quantity, end B 6

**Polarity** Method A

Total Fibers, quantity 96

Total Ports, quantity, front 48

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#### Dimensions

 Height
 11 mm | 0.433 in

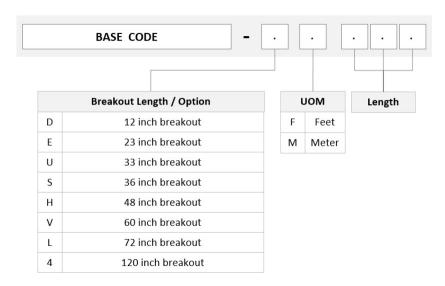
 Width
 131 mm | 5.157 in

 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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# **PPLAGGRSNRPL**

## 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

760251018 – Fiber indoor cable, Plenum MPO Trunk, 96 fiber multi-unit with 16 fiber subunits, Singlemode G. P-096-MP-8G1-F16YL 657.A2/B2, Feet jacket marking, Yellow jacket color

# 760251018 | P-096-MP-8G1-F16YL



Fiber indoor cable, Plenum MPO Trunk, 96 fiber multi-unit 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 TypeMPO trunk cable

Construction Type Non-armored

**Subunit Type** Gel-free

Jacket Color Yellow

Jacket Marking Feet

Subunit, quantity 6

Fibers per Subunit, quantity 16

**Total Fiber Count** 96

#### Dimensions

Buffer Tube/Subunit Diameter 3 mm | 0.118 in

Diameter Over Jacket 10.7 mm | 0.421 in

## Mechanical Specifications

Minimum Bend Radius, loaded161 mm | 6.339 inMinimum Bend Radius, unloaded107 mm | 4.213 inTensile Load, long term, maximum400 N | 89.924 lbfTensile Load, short term, maximum1335 N | 300.12 lbf

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#### P-096-MP-8G1-F16YL 760251018 |

10 N/mm | 57.101 lb/in Compression

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

Flex 300 cycles

Flex Test Method FOTP-104 | IEC 60794-1 E6

**Impact** 0.74 N-m | 6.55 in lb

FOTP-25 | IEC 60794-1 E4 **Impact Test Method** 

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 368 m | 1,207.349 ft

**Optical Specifications** 

**Cable Qualification Standards** 

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

#### **Environmental Specifications**

Installation temperature 0 °C to +70 °C (+32 °F to +158 °F) **Operating Temperature** 0 °C to +70 °C (+32 °F to +158 °F) **Storage Temperature** -40 °C to +70 °C (-40 °F to +158 °F)

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



# 760251018 | P-096-MP-8G1-F16YL

Cable weight

113 kg/km | 75.932 lb/kft

\* Footnotes

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

