## PPLAGGRSNRPQ

# Propel ULL Singlemode Cabled Module, 8x16 duplex SN Propel module on End A to 8x16 on End B, 128 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 Type	Trunk 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	8 fiber
Module Size, end B	8 fiber
Module Quantity, end A	8
Module Quantity, end B	8
Polarity	Method A
Total Fibers, quantity	128
Total Ports, quantity, front	64

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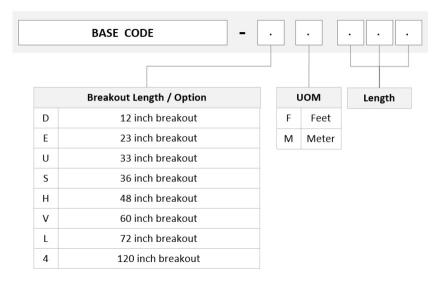


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#### Dimensions

Height	11 mm   0.433 in
Width	65 mm   2.559 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	

1

Packaging quantity

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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

760251019 P-128-MP-8G1-F16YL

Fiber indoor cable, Plenum MPO Trunk, 128 fiber multi-unit with 16 fiber subunits, Singlemode G.657.A2/B2, Feet jacket marking, Yellow jacket color

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## 760251019 | P-128-MP-8G1-F16YL



Fiber indoor cable, Plenum MPO Trunk, 128 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 Type	MPO trunk cable
Construction Type	Non-armored
Subunit Type	Gel-free
Jacket Color	Yellow
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

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## 760251019 | P-128-MP-8G1-F16YL

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	265 m   869.423 ft
Optical Specifications	

Fiber Type

### **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)
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

G.657.A2/B2 | G.657.A2/B2

### 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

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## 760251019 | P-128-MP-8G1-F16YL

Cable weight

156 kg/km | 104.827 lb/kft

### \* Footnotes

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

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