## PPLAGVRLCRVH

# Propel ULL Multimode OM5 Cabled Module, 3x16 duplex LC Propel module on End A to 1x16f MPO/APC non-pinned Multimode on End B, 48 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	Lime green
Cable Type	Trunk Cable - Plenum
Interface, front	LC/UPC
Interface Feature, front	Duplex   Shuttered
Interface Color, front	Lime green
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	3
Module Quantity, end B	3
Polarity	Method A
Total Fibers, quantity	48
Total Ports, quantity, front	24

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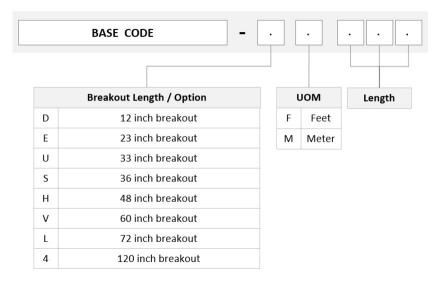


## PPLAGVRLCRVH

#### 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	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	

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Packaging	quantity	
i uonuging	quantity	

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## PPLAGVRLCRVH

## 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

760251008 P-048-MP-5G-F16LM Fiber indoor cable, LazrSPEED® Plenum MPO Trunk, 48 fiber multi-unit with 16 fiber subunits, Multimode OM5, Gel-free, Feet jacket marking, Lime green jacket color

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## 760251008 | P-048-MP-5G-F16LM



Fiber indoor cable, LazrSPEED® Plenum MPO Trunk, 48 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	3
Fibers per Subunit, quantity	16
Total Fiber Count	48
Dimensions	
Buffer Tube/Subunit Diameter	3 mm   0.118 in
Diameter Over Jacket	9.1 mm   0.358 in
Mechanical Specifications	
Minimum Bend Radius, loaded	136 mm   5.354 in
Minimum Bend Radius, unloaded	91 mm   3.583 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

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## 760251008 | P-048-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	500 m   1,640.42 ft
Optical Specifications	
Fiber Type	OM5, LazrSPEED® wideband   OM5, LazrSPEED® wideband

### **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

### 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

76 kg/km | 51.07 lb/kft

### \* Footnotes

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## 760251008 | P-048-MP-5G-F16LM

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

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