# PPLU3VRLCRZQ



Propel ULL Multimode OM5 Cabled Module, 8x16 duplex LC Propel module on End A to 1x16f MPO/APC pinned Multimode on End B, 128 fiber B2ca 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 MPO Connector
Cable Color	Lime green
Cable Type	Trunk Cable - LSZH Class B2ca
Interface, front	LC/UPC
Interface Feature, front	Duplex   Shuttered
Interface Color, front	Lime green
Interface, rear	MPO-16/APC Male
Interface Feature, rear	Key up/up   Pinned
Module Size, end A	16 fiber
Module Size, end B	16 fiber
Module Quantity, end A	8
Module Quantity, end B	8
Polarity	Method B Enhanced (ULL)
Total Fibers, quantity	128

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Total Ports, quantity, front	64
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	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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# PPLU3VRLCRZQ

#### Packaging quantity

1

### Regulatory Compliance/Certifications

#### Agency

ROHS

CHINA-ROHS

#### Classification

Above maximum concentration value Compliant/Exempted Compliant/Exempted



### Included Products

760251069 N-128-MP-5G-F16LM/30T/B2 Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser MPO Trunk Cable, 128 fiber with 16-fiber, 3.0mm subunits, Gel-free, Multimode OM5, Feet jacket marking, Lime green jacket color, B2ca flame rating

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# 760251069 | N-128-MP-5G-F16LM/30T/B2



Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser MPO Trunk Cable, 128 fiber with 16-fiber, 3.0mm subunits, Gel-free, Multimode OM5, Feet jacket marking, Lime green jacket color, B2ca flame rating

#### Product Classification

Regional Availability	Asia   Australia/New Zealand   EMEA   Latin America   North America
Portfolio	CommScope®
Product Type	Fiber indoor cable
Product Series	N-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	13.8 mm   0.543 in

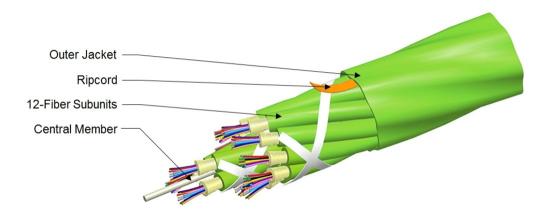
### Representative Image

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# 760251069 | N-128-MP-5G-F16LM/30T/B2



### Mechanical Specifications

Minimum Bend Radius, loaded	208 mm   8.189 in
Minimum Bend Radius, unloaded	138 mm   5.433 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
Flex	25 cycles
Flex Test Method	FOTP-104   IEC 60794-1 E6
Impact	2.94 N-m   26.021 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	217 m   711.942 ft

### **Optical Specifications**

Fiber Type

OM5, LazrSPEED® wideband

### **Environmental Specifications**

Installation temperature Operating Temperature 0 °C to +50 °C (+32 °F to +122 °F) 0 °C to +60 °C (+32 °F to +140 °F)

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# 760251069 | N-128-MP-5G-F16LM/30T/B2

Storage Temperature	-40 °C to +60 °C (-40 °F to +140 °F)
Cable Qualification Standards	ANSI/ICEA S-83-596   Telcordia GR-409
EN50575 CPR Cable EuroClass Fire Performance	B2ca
EN50575 CPR Cable EuroClass Smoke Rating	s1a
EN50575 CPR Cable EuroClass Droplets Rating	d2
EN50575 CPR Cable EuroClass Acidity Rating	al
Environmental Space	Low Smoke Zero Halogen (LSZH)
Flame Test Method	IEC 60754-2   IEC 61034-2

### 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
<b>B</b>	

### Packaging and Weights

Cable weight

188 kg/km | 126.33 lb/kft

#### \* Footnotes

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

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