## PPLAJVFLC2PH



Propel ULL Multimode OM5 Cabled Module, 2x2f duplex LC Propel module on End A to 1x24f MPO/UPC non-pinned on End B, 48 fiber LSZH Trunk, Method A

- This component requires 6 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

Cable ColorLime greenCable TypeTrunk Cable - LSZHInterface, frontLC/UPCInterface Feature, frontDuplex   ShutteredInterface Color, frontLime greenInterface, rearMPO-24/UPC FemaleInterface Feature, rearKey up/down   Unpinned
Interface, frontLC/UPCInterface Feature, frontDuplex   ShutteredInterface Color, frontLime greenInterface, rearMPO-24/UPC Female
Interface Feature, frontDuplex   ShutteredInterface Color, frontLime greenInterface, rearMP0-24/UPC Female
Interface Color, front Lime green   Interface, rear MP0-24/UPC Female
Interface, rear MPO-24/UPC Female
Interface Feature, rear Key up/down   Unpinned
Module Size, end A 16 fiber
Module Size, end B16 fiber
Module Quantity, end A 2
Module Quantity, end B 2
Polarity Method A
Total Fibers, quantity48

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## PPLAJVFLC2PH

Total Ports, quantity, front	24
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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# PPLAJVFLC2PH

#### Packaging quantity

1

### Regulatory Compliance/Certifications

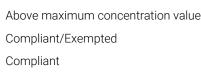
#### Agency

Classification

CHINA-ROHS

ROHS

UK-ROHS





#### Included Products

760255397 N-048-MP-5G-F24LM/30T/B2 Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser MPO Trunk, 48 fiber with 24fiber, 3.0 mm subunits, Multimode OM5, Feet jacket marking, Aqua jacket color, B2ca flame rating

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# 760255397 | N-048-MP-5G-F24LM/30T/B2



Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser MPO Trunk, 48 fiber with 24-fiber, 3.0 mm subunits, Multimode OM5, Feet jacket marking, Aqua 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	2
Total Fiber Count	48
Dimensions	
Height Over Jacket	6.4 mm   0.252 in
Width Over Jacket	9.4 mm   0.37 in
Buffer Tube/Subunit Diameter	3 mm   0.118 in
-	

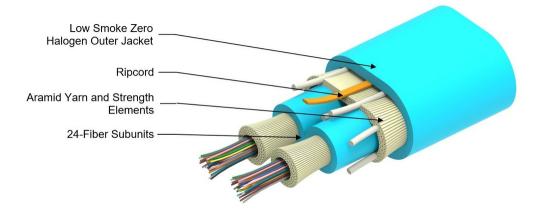
### Representative Image

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# 760255397 | N-048-MP-5G-F24LM/30T/B2



#### Mechanical Specifications

Minimum Bend Radius, loaded	96 mm   3.78 in
Minimum Bend Radius, unloaded	64 mm   2.52 in
Tensile Load, long term, maximum	200 N   44.962 lbf
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	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	300 m   984.252 ft
Optical Specifications	

#### Optical Specifications

Fiber Type

OM4, LazrSPEED® 550

#### **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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# 760255397 | N-048-MP-5G-F24LM/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	d0
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
Packaging and Weights	
Cable weight	68 kg/km   45.694 lb/kft

#### \* Footnotes

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

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