## PPLA3XFLC2PM



Propel ULL Multimode OM4 Cabled Module, 6x2f duplex LC Propel module on End A to 1x24f MPO/UPC non-pinned on End B, 144 fiber B2ca 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

Configuration Type	PROPEL Module to MPO Connector
Cable Color	Aqua
Cable Type	Trunk Cable - LSZH Class B2ca
Interface, front	LC/UPC
Interface Feature, front	Duplex   Shuttered
Interface Color, front	Aqua
Interface, rear	MPO-24/UPC Female
Interface Feature, rear	Key up/down   Unpinned
Module Size, end A	24 fiber
Module Size, end B	24 fiber
Module Quantity, end A	6
Module Quantity, end B	6
Polarity	Method A
Total Fibers, quantity	144

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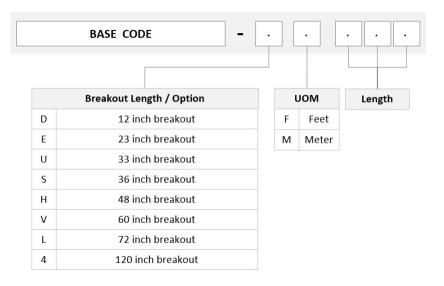
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## PPLA3XFLC2PM

Total Ports, quantity, front	72
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	OM4
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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# PPLA3XFLC2PM

#### **Packaging quantity**

1

## Regulatory Compliance/Certifications

#### Agency

Classification

CHINA-ROHS

ROHS

UK-ROHS



Above maximum concentration value Compliant/Exempted Compliant/Exempted



760249078 N-144-MP-5K-F24AQ/30T/B2 Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser MPO Trunk Cable, 144 fiber with 24-fiber, 3.0mm subunits, Gel-free, Multimode OM4, Feet jacket marking, Aqua jacket color, B2ca flame rating

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# 760249078 | N-144-MP-5K-F24AQ/30T/B2



Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser MPO Trunk Cable, 144 fiber with 24-fiber, 3.0mm subunits, Gel-free, Multimode OM4, Feet jacket marking, Aqua jacket color, B2ca flame rating

## Product Classification

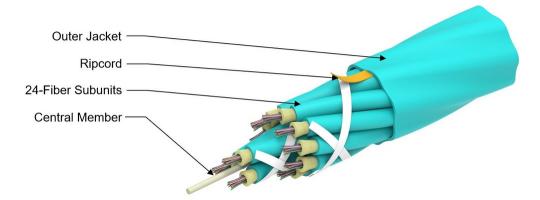
Regional Availability	Asia   Australia/New Zealand   EMEA   Latin America   North America
Portfolio	CommScope®
Product Type	Fiber indoor cable
Product Series	N-MP
General Specifications	
Cable Type	MPO trunk cable
Construction Type	Non-armored
Subunit Type	Gel-free
Jacket Color	Aqua
Jacket Marking	Feet
Subunit, quantity	6
Fibers per Subunit, quantity	24
Total Fiber Count	144
Dimensions	
Buffer Tube/Subunit Diameter	3 mm   0.118 in
Diameter Over Jacket	12.1 mm   0.476 in
Representative Image	

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# 760249078 | N-144-MP-5K-F24AQ/30T/B2



## Mechanical Specifications

Minimum Bend Radius, loaded	182 mm   7.165 in
Minimum Bend Radius, unloaded	121 mm   4.764 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	288 m   944.882 ft
Optical Specifications	

Fiber Type

## **Environmental Specifications**

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

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OM4, LazrSPEED® 550



#### N-144-MP-5K-F24AQ/30T/B2 760249078

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
Packaging and Weights	
Cable weight	142 kg/km   95.42 lb/kft

## Cable weight

### \* Footnotes

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

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