# PPLAGXDLCMPP



Propel ULL Multimode OM4 Cabled Module, 24x12 duplex LC Propel module on End A to 1x12f MPO/UPC non-pinned on End B, 288 fiber Plenum Trunk, Method A

- This component requires 3 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 - Plenum
Interface, front	LC/UPC
Interface Feature, front	Duplex   Shuttered
Interface Color, front	Aqua
Interface, rear	MPO-12/UPC Female
Interface Feature, rear	Key up/down   Unpinned
Module Size, end A	12 fiber
Module Size, end B	12 fiber
Module Quantity, end A	24
Module Quantity, end B	24
Polarity	Method A
Total Fibers, quantity	288

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# PPLAGXDLCMPP

Total Ports, quantity, front	144
Dimensions	
Height	11 mm   0.433 in
Width	196 mm   7.717 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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#### **Packaging quantity**

1

## Regulatory Compliance/Certifications

#### Agency

Classification

CHINA-ROHS

ROHS

UK-ROHS



Above maximum concentration value Compliant/Exempted Compliant/Exempted



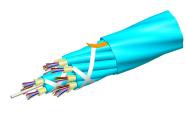
760251164 P-288-MP-5K-F12AQ/20T Fiber indoor cable, LazrSPEED® Plenum MPO Trunk, 288 fiber multi-unit with 12 fiber subunits, Multimode OM4, Gel-free, Feet jacket marking, Aqua jacket color



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# 760251164 | P-288-MP-5K-F12AQ/20T



Fiber indoor cable, LazrSPEED® Plenum MPO Trunk, 288 fiber multiunit with 12 fiber subunits, Multimode OM4, Gel-free, Feet jacket marking, Aqua 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	Aqua
Jacket Marking	Feet
Subunit, quantity	24
Fibers per Subunit, quantity	12
Total Fiber Count	288
Dimensions	
Buffer Tube/Subunit Diameter	2 mm   0.079 in
Diameter Over Jacket	14.1 mm   0.555 in

## Representative Image

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## Mechanical Specifications

Minimum Bend Radius, loaded	212 mm   8.346 in
Minimum Bend Radius, unloaded	141 mm   5.551 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	300 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	95 m   311.68 ft
Optical Specifications	

Fiber Type

OM4, LazrSPEED® 550

## **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)

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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

215 kg/km | 144.473 lb/kft

#### \* Footnotes

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

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