# PPLUGXDLCLCF



Propel ULL Multimode OM4 Cabled Module, 2x12 duplex LC Propel module on End A to 2x12 on End B, 24 fiber Plenum Trunk, Method B Enhanced

- This component requires 3 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	End B module is the same module as End A   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 PROPEL Module
Cable Color	Aqua
Cable Type	Trunk Cable - Plenum
Interface, front	LC/UPC
Interface Feature, front	Duplex   Shuttered
Interface Color, front	Aqua
Interface, rear	LC/UPC
Interface Feature, rear	Duplex   Shuttered
Interface Color, rear	Aqua
Module Size, end A	12 fiber
Module Size, end B	12 fiber
Module Quantity, end A	2
Module Quantity, end B	2
Polarity	Method B Enhanced (ULL)

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Total Fibers, quantity	24
Total Ports, quantity, front	12
Total Ports, quantity, rear	12
Dimensions	
Height	11 mm   0.433 in
Width	98 mm   3.858 in
Depth	170 mm   6.693 in
Breakout Length, end B	23 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

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#### Packaging and Weights

#### Packaging quantity

# Regulatory Compliance/Certifications

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# PPLUGXDLCLCF

#### Agency

CHINA-ROHS

#### ROHS UK-ROHS

Classification

Above maximum concentration value Compliant/Exempted



Compliant

## Included Products

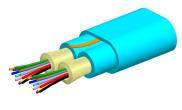
760242114 P-024-MP-5K-F12AQ/20T Fiber indoor cable, LazrSPEED® Plenum MPO Trunk, 24 fiber with 12 fiber subunits, Multimode OM4, Feet jacket marking, Aqua jacket color

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# 760242114 | P-024-MP-5K-F12AQ/20T



Fiber indoor cable, LazrSPEED® Plenum MPO Trunk, 24 fiber with 12 fiber subunits, Multimode OM4, 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	2
Fibers per Subunit, quantity	12
Total Fiber Count	24
Dimensions	
Height Over Jacket	5.4 mm   0.213 in
Width Over Jacket	7.15 mm   0.281 in
Buffer Tube/Subunit Diameter	2 mm   0.079 in

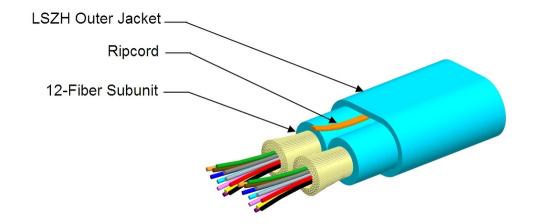
### Representative Image

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# 760242114 | P-024-MP-5K-F12AQ/20T



#### Mechanical Specifications

Minimum Bend Radius, loaded	81 mm   3.189 in
Minimum Bend Radius, unloaded	54 mm   2.126 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	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	440 m   1,443.57 ft
Optical Specifications	
Fiber Type	OM4, LazrSPEED® 550   OM4, LazrSPEED® 550

#### **Environmental Specifications**

Installation temperature

0 °C to +70 °C (+32 °F to +158 °F)

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# 760242114 | P-024-MP-5K-F12AQ/20T

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

46.4 kg/km | 31.179 lb/kft

#### Regulatory Compliance/Certifications

Agency	Classification
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system

## \* Footnotes

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

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