

# PPLUGXRLCUCN



Propel ULL Multimode OM4 Cabled Module, 12x16 duplex LC Propel module on End A to Stub on End B, 192 fiber Plenum 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 Stub
Cable Color	Aqua
Cable Type	Trunk Cable - Plenum
Interface, front	LC/UPC
Interface Feature, front	Duplex   Shuttered
Interface Color, front	Aqua
Interface, rear	Stub
Module Size, end A	16 fiber
Module Quantity, end A	12
Polarity	Method B Enhanced (ULL)
Total Fibers, quantity	192
Total Ports, quantity, front	96

## Dimensions

Height	11 mm   0.433 in
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Width	65 mm   2.559 in
Depth	170 mm   6.693 in
Breakout Length, end B	0 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

Packaging quantity	1
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## Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Above maximum concentration value
ROHS	Compliant/Exempted

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UK-ROHS

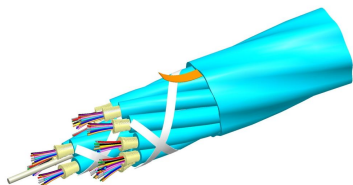
Compliant/Exempted



## Included Products

- |                   |   |   |
|-------------------|---|---|
| 760251005         | – | Fiber indoor cable, LazrSPEED® Plenum MPO Trunk, 192 fiber multi-unit with 16 fiber subunits, |
| P-192-MP-5K-F16AQ |   | Multimode OM4, Gel-free, Feet jacket marking, Aqua jacket color                               |

# 760251005 | P-192-MP-5K-F16AQ



Fiber indoor cable, LazrSPEED® Plenum MPO Trunk, 192 fiber multi-unit with 16 fiber subunits, Multimode OM4, Gel-free, Feet jacket marking, Aqua jacket color

## Product Classification

<b>Regional Availability</b>	Asia   Australia/New Zealand   Latin America   Middle East /Africa   North America
<b>Portfolio</b>	CommScope®
<b>Product Type</b>	Fiber indoor cable
<b>Product Series</b>	P-MP

## General Specifications

<b>Cable Type</b>	MPO trunk cable
<b>Construction Type</b>	Non-armored
<b>Subunit Type</b>	Gel-free
<b>Jacket Color</b>	Aqua
<b>Jacket Marking</b>	Feet
<b>Subunit, quantity</b>	12
<b>Fibers per Subunit, quantity</b>	16
<b>Total Fiber Count</b>	192

## Dimensions

<b>Buffer Tube/Subunit Diameter</b>	3 mm   0.118 in
<b>Diameter Over Jacket</b>	14.12 mm   0.556 in

## Mechanical Specifications

<b>Minimum Bend Radius, loaded</b>	197 mm   7.756 in
<b>Minimum Bend Radius, unloaded</b>	131 mm   5.157 in
<b>Tensile Load, long term, maximum</b>	400 N   89.924 lbf
<b>Tensile Load, short term, maximum</b>	1335 N   300.12 lbf

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<b>Compression</b>	10 N/mm   57.101 lb/in
<b>Compression Test Method</b>	FOTP-41   IEC 60794-1 E3
<b>Flex</b>	300 cycles
<b>Flex Test Method</b>	FOTP-104   IEC 60794-1 E6
<b>Impact</b>	0.74 N-m   6.55 in lb
<b>Impact Test Method</b>	FOTP-25   IEC 60794-1 E4
<b>Strain</b>	See long and short term tensile loads
<b>Strain Test Method</b>	FOTP-33   IEC 60794-1 E1
<b>Twist</b>	10 cycles
<b>Twist Test Method</b>	FOTP-85   IEC 60794-1 E7
<b>Vertical Rise, maximum</b>	250 m   820.21 ft

## Optical Specifications

<b>Fiber Type</b>	OM4, LazrSPEED® 550   OM4, LazrSPEED® 550
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## Environmental Specifications

<b>Installation temperature</b>	0 °C to +70 °C (+32 °F to +158 °F)
<b>Operating Temperature</b>	0 °C to +70 °C (+32 °F to +158 °F)
<b>Storage Temperature</b>	-40 °C to +70 °C (-40 °F to +158 °F)
<b>Cable Qualification Standards</b>	ANSI/ICEA S-83-596   Telcordia GR-409
<b>Environmental Space</b>	Plenum
<b>Flame Test Listing</b>	NEC OFNP (ETL) and c(ETL)
<b>Flame Test Method</b>	NFPA 130   NFPA 262

## Environmental Test Specifications

<b>Heat Age</b>	0 °C to +85 °C (+32 °F to +185 °F)
<b>Heat Age Test Method</b>	IEC 60794-1 F9
<b>Low High Bend</b>	0 °C to +70 °C (+32 °F to +158 °F)
<b>Low High Bend Test Method</b>	FOTP-37   IEC 60794-1 E11
<b>Temperature Cycle</b>	0 °C to +70 °C (+32 °F to +158 °F)
<b>Temperature Cycle Test Method</b>	FOTP-3   IEC 60794-1 F1

## Packaging and Weights

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**Cable weight** 166 kg/km | 111.547 lb/kft

\* Footnotes

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