PPLAGVDLCMPN

Propel ULL Multimode OM5 Cabled Module, 16x12 duplex LC Propel module on End A to 1x12f MPO/UPC non-pinned on End B, 192 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	Lime green
Cable Type	Trunk Cable - Plenum
Interface, front	LC/UPC
Interface Feature, front	Duplex	Shuttered
Interface Color, front	Lime green
Interface, rear	MPO-12/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	16
Module Quantity, end B	16
Polarity	Method A
Total Fibers, quantity	192

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Total Ports, quantity, front	96

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

BASE CODE	-	.	.	.	.	.

	Breakout Length / Option
D	12 inch breakout
E	23 inch breakout
U	33 inch breakout
S	36 inch breakout
H	48 inch breakout
V	60 inch breakout
L	72 inch breakout
4	120 inch breakout

	UOM
F	Feet
M	Meter

Length

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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Packaging quantity   1

Regulatory Compliance/Certifications

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

Included Products

760251160
P-192-MP-5G-F12LM/20T

– Fiber indoor cable, LazrSPEED Plenum MPO Trunk, 192 fiber multi-unit with 12 fiber subunits, Multimode OM5, Gel-free, Feet jacket marking, Lime green jacket color

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760251160 | P-192-MP-5G-F12LM/20T

Fiber indoor cable, LazrSPEED Plenum MPO Trunk, 192 fiber multi-unit with 12 fiber subunits, Multimode OM5, Gel-free, Feet jacket marking, Lime green 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
Filler, quantity	2
Jacket Color	Lime green
Jacket Marking	Feet
Subunit, quantity	16
Fibers per Subunit, quantity	12
Total Fiber Count	192

Dimensions

Buffer Tube/Subunit Diameter	2 mm	0.079 in
Diameter Over Jacket	12.4 mm	0.488 in

Representative Image

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Mechanical Specifications

Minimum Bend Radius, loaded	186 mm	7.323 in
Minimum Bend Radius, unloaded	124 mm	4.882 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	126 m	413.386 ft

Optical Specifications

Fiber Type	OM5, LazrSPEED® wideband

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)

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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	163 kg/km	109.531 lb/kft

* Footnotes

Operating Temperature　Specification applicable to non-terminated bulk fiber cable

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