PPLAGVDLCMXD

Propel ULL Multimode OM5 Cabled Module, 1x12 duplex LC Propel module on End A to 1x12f MPO/UPC pinned on End B, 12 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 Male
Interface Feature, rear	Key up/down | Pinned
Module Size, end A	12 fiber
Module Size, end B	12 fiber
Module Quantity, end A	1
Module Quantity, end B	1
Polarity	Method A
Total Fibers, quantity	12

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Total Ports, quantity, front	6

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

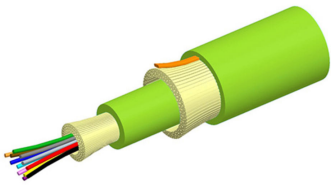| Agency	Classification
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant

Included Products

760242113 P-012-MP-5G-F12LM/20T	–	Fiber indoor cable, LazrSPEED® Plenum for MPO Trunks, 12 fiber, Multimode OM5, Feet jacket marking, Lime green jacket color

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760242113　|　P-012-MP-5G-F12LM/20T

Fiber indoor cable, LazrSPEED® Plenum for MPO Trunks, 12 fiber, Multimode OM5, 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
Jacket Color	Lime green
Jacket Marking	Feet
Total Fiber Count	12

Dimensions

Buffer Tube/Subunit Diameter	2 mm	0.079 in
Diameter Over Jacket	5.2 mm	0.205 in

Representative Image

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760242113 | P-012-MP-5G-F12LM/20T

Outer Jacket
Ripcord
Aramid Yarn
12-Fiber Subunit
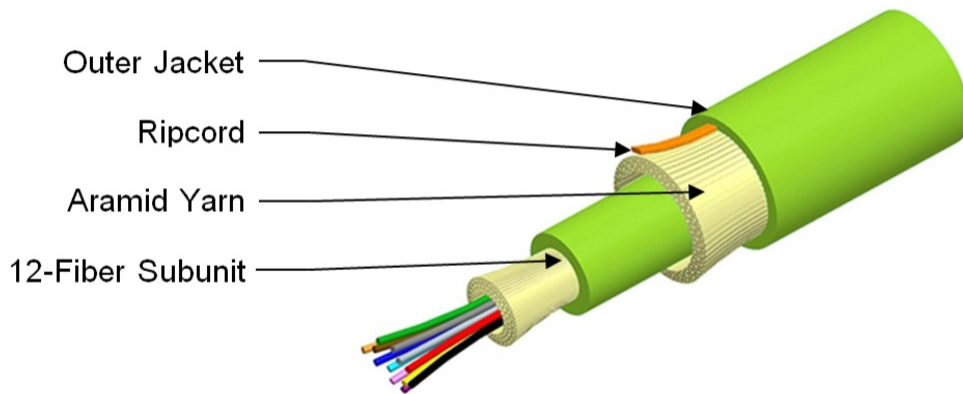
Mechanical Specifications

Minimum Bend Radius, loaded	79 mm | 3.11 in
Minimum Bend Radius, unloaded	52 mm | 2.047 in
Tensile Load, long term, maximum	133 N | 29.9 lbf
Tensile Load, short term, maximum	445 N | 100.04 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	417 m | 1,368.11 ft

Optical Specifications

Fiber Type	OM5, LazrSPEED® wideband | OM5, LazrSPEED® wideband

Environmental Specifications

Installation temperature	0 °C to +70 °C (+32 °F to +158 °F)

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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	33 kg/km	22.175 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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