PPLUQGFLC2PF

Propel ULL Singlemode Cabled Module, 1x24 duplex LC Propel module on End A to 1x24f MPO /UPC non-pinned on End B, 24 fiber Plenum Patchcord, Method B Enhanced

- This component requires 6 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	Modules with patch cord cable are single subunit, and have no additional outer jacket

General Specifications

Configuration Type	PROPEL Module to MPO Connector
Cable Color	Yellow
Cable Type	Patch cord Plenum
Interface, front	LC/UPC
Interface Feature, front	Duplex | Shuttered
Interface Color, front	Blue
Interface, rear	MPO-24/UPC Female
Interface Feature, rear	Key up/up | Unpinned
Module Size, end A	24 fiber
Module Size, end B	24 fiber
Module Quantity, end A	1
Module Quantity, end B	1
Polarity	Method B Enhanced (ULL)
Total Fibers, quantity	24
Total Ports, quantity, front	12

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Dimensions

Height	11 mm | 0.433 in
Width	131 mm | 5.157 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	Singlemode
Fiber Type	OS2
Insertion Loss, maximum	0.6 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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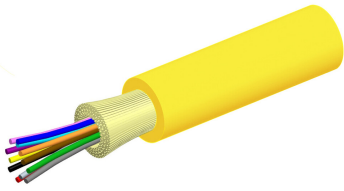## Regulatory Compliance/Certifications

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

Included Products

760245873 P-024-MP-8G1-F36YL	–	Fiber indoor cable, Plenum for MPO Light Duty Patchcords, 24 fiber, Singlemode G.657.A2/B2, Feet jacket marking, Yellow jacket color

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760245873 | P-024-MP-8G1-F36YL

Fiber indoor cable, Plenum for MPO Light Duty Patchcords, 24 fiber, Singlemode G.657.A2/B2, Feet jacket marking, Yellow 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	Yellow
Jacket Marking	Feet
Total Fiber Count	24

Dimensions

Diameter Over Jacket	3.6 mm	0.142 in

Representative Image

Outer Jacket

Aramid Yarn

24 Optical Fibers (250µm)

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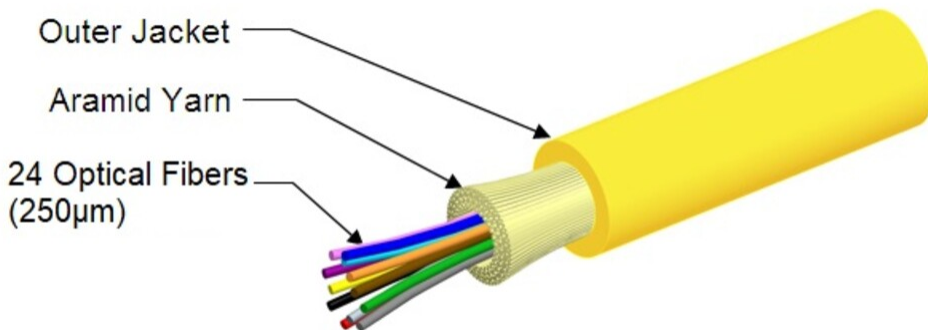
Mechanical Specifications

Minimum Bend Radius, loaded	54 mm	2.126 in
Minimum Bend Radius, unloaded	29 mm	1.142 in
Tensile Load, long term, maximum	120 N	26.977 lbf
Tensile Load, short term, maximum	400 N	89.924 lbf
Compression	4 N/mm	22.841 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	500 m	1,640.42 ft

Optical Specifications

Fiber Type	G.657.A2/B2	G.657.A2/B2

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)
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

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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	12 kg/km	8.064 lb/kft

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

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