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Propel ULL Singlemode Cabled Module, 6x12 duplex LC Propel module on End A to 6x12 on End B, 72 fiber LSZH 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	Yellow
Cable Type	Trunk Cable - LSZH
Interface, front	LC/UPC
Interface Feature, front	Duplex | Shuttered
Interface Color, front	Blue
Interface, rear	LC/UPC
Interface Feature, rear	Duplex | Shuttered
Interface Color, rear	Blue
Module Size, end A	12 fiber
Module Size, end B	12 fiber
Module Quantity, end A	6
Module Quantity, end B	6
Polarity	Method B Enhanced (ULL)
Total Fibers, quantity	72

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Total Ports, quantity, front	36
Total Ports, quantity, rear	36

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

BASE CODE	-	.	.	.	.	.

Breakout Length / Option	
E	23 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

Regulatory Compliance/Certifications

Agency	**Classification**

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

Included Products

760248131 N-072-MP-8G1-F12YL/20T/D	–	Fiber indoor cable, Low Smoke Zero Halogen Riser MPO Trunk, 72 fiber multi-unit with 12 fiber 2.0 mm subunits, Singlemode G.657.A2/B2, Feet jacket marking, Yellow jacket color, Dca flame rating

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760248131 | N-072-MP-8G1-F12YL/20T/D

Fiber indoor cable, Low Smoke Zero Halogen Riser MPO Trunk, 72 fiber multi-unit with 12 fiber 2.0 mm subunits, Singlemode G.657.A2/B2, Feet jacket marking, Yellow jacket color, Dca flame rating

Product Classification

Regional Availability	Asia	Australia/New Zealand	EMEA	Latin America	North America
Portfolio	CommScope®
Product Type	Fiber indoor cable
Product Series	N-MP

General Specifications

Cable Type	MPO trunk cable
Construction Type	Non-armored
Subunit Type	Gel-free
Jacket Color	Yellow
Jacket Marking	Feet
Subunit, quantity	6
Fibers per Subunit, quantity	12
Total Fiber Count	72

Dimensions

Buffer Tube/Subunit Diameter	2 mm	0.079 in
Diameter Over Jacket	8.2 mm	0.323 in

Representative Image

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Outer Jacket
Ripcord
12-Fiber Subunits
Aramid Yarn
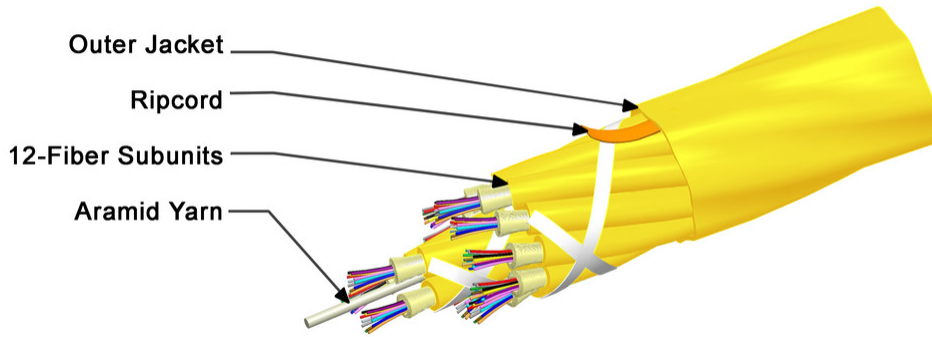
Mechanical Specifications

Minimum Bend Radius, loaded	123 mm	4.843 in
Minimum Bend Radius, unloaded	82 mm	3.228 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	295 m	967.848 ft

Optical Specifications

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

Environmental Specifications

Installation temperature	0 °C to +60 °C (+32 °F to +140 °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
EN50575 CPR Cable EuroClass Fire Performance	Dca
EN50575 CPR Cable EuroClass Smoke Rating	s1a
EN50575 CPR Cable EuroClass Droplets Rating	d1
EN50575 CPR Cable EuroClass Acidity Rating	a1
Environmental Space	Low Smoke Zero Halogen (LSZH)	Riser
Flame Test Listing	NEC OFNR-ST1 (ETL) and c(ETL)
Flame Test Method	IEC 60332-3	IEC 60754-2	IEC 61034-2	UL 1666	UL 1685

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	-20 °C to +70 °C (-4 °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	65.4 kg/km	43.947 lb/kft

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

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