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Propel ULL Singlemode Cabled Module, 4x16 duplex SN Propel module on End A to 4x16 on End B, 64 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	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 - Plenum
Interface, front	SN/UPC
Interface Feature, front	Duplex | Shuttered
Interface Color, front	Blue
Interface, rear	SN/UPC
Interface Feature, rear	Duplex | Shuttered
Module Size, end A	8 fiber
Module Size, end B	8 fiber
Module Quantity, end A	4
Module Quantity, end B	4
Polarity	Method B Enhanced (ULL)
Total Fibers, quantity	64
Total Ports, quantity, front	32

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Dimensions

Height	11 mm | 0.433 in
Width	65 mm | 2.559 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
CHINA-ROHS	Above maximum concentration value
ROHS	Compliant/Exempted

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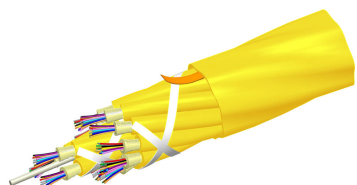# PPLUGGRSNSNU

UK-ROHS   Compliant/Exempted

Included Products

760251017
P-064-MP-8G1-F16YL

–   Fiber indoor cable, Plenum MPO Trunk, 64 fiber multi-unit with 16 fiber subunits, Singlemode G.657.A2/B2, Feet jacket marking, Yellow jacket color

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760251017 | P-064-MP-8G1-F16YL

Fiber indoor cable, Plenum MPO Trunk, 64 fiber multi-unit with 16 fiber subunits, 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
Subunit, quantity	4
Fibers per Subunit, quantity	16
Total Fiber Count	64

Dimensions

Buffer Tube/Subunit Diameter	3 mm	0.118 in
Diameter Over Jacket	9.1 mm	0.358 in

Mechanical Specifications

Minimum Bend Radius, loaded	136 mm	5.354 in
Minimum Bend Radius, unloaded	91 mm	3.583 in
Tensile Load, long term, maximum	400 N	89.924 lbf
Tensile Load, short term, maximum	1335 N	300.12 lbf

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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	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
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

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| **Cable weight** | 77 kg/km | 51.742 lb/kft |

* Footnotes

Operating Temperature   Specification applicable to non-terminated bulk fiber cable

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