PPLUGGRSNSNS

Propel ULL Singlemode Cabled Module, 2x16 duplex SN Propel module on End A to 2x16 on End B, 32 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

I	
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	2
Module Quantity, end B	2
Polarity	Method B Enhanced (ULL)
Total Fibers, quantity	32
Total Ports, quantity, front	16

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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



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

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Packaging and Weights

Packaging quantity

Regulatory Compliance/Certifications

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

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UK-ROHS

Compliant/Exempted



Included Products

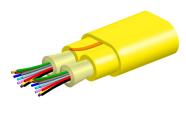
760251015 P-032-MP-8G1-F16YL Fiber indoor cable, Plenum MPO Trunk, 32 fiber with 16 fiber subunits,, Singlemode G.657.A2 /B2 Feet jacket marking, Yellow jacket color

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760251015 | P-032-MP-8G1-F16YL



Fiber indoor cable, Plenum MPO Trunk, 32 fiber 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	2
Fibers per Subunit, quantity	16
Total Fiber Count	32
Dimensions	
Height Over Jacket	3.9 mm 0.154 in
Width Over Jacket	6.9 mm 0.272 in
Buffer Tube/Subunit Diameter	3 mm 0.118 in
Mechanical Specifications	
Minimum Bend Radius, loaded	58 mm 2.283 in
Minimum Bend Radius, unloaded	39 mm 1.535 in
Tensile Load, long term, maximum	200 N 44.962 lbf

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760251015 | P-032-MP-8G1-F16YL

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	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

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760251015 | P-032-MP-8G1-F16YL

Packaging and Weights

Cable weight

29 kg/km | 19.487 lb/kft

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

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