PPLU3GRSNUCN

Propel ULL Singlemode Cabled Module, 12x16 duplex SN Propel module on End A to 12x16 on End B, 192 fiber B2ca 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	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 Stub
Cable Color	Yellow
Cable Type	Trunk Cable - LSZH Class B2ca
Interface, front	SN/UPC
Interface Feature, front	Duplex | Shuttered
Interface Color, front	Blue
Interface, rear	Stub
Module Size, end A	8 fiber
Module Size, end B	8 fiber
Module Quantity, end A	12
Module Quantity, end B	12
Polarity	Method B Enhanced (ULL)
Total Fibers, quantity	192
Total Ports, quantity, front	96

Dimensions

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Height	11 mm | 0.433 in
Width	65 mm | 2.559 in
Depth	170 mm | 6.693 in
Breakout Length, end B	0 in
Cable Assembly Length Range (m)	1 − 400
Cable Assembly Length Range (ft)	2 − 999

Ordering Tree

Breakout Length / Option	
A	no breakout, no gland, no pulling grip

Length	

UOM	
F	Feet
M	Meter

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

760251080   –   Fiber indoor cable, TeraSPEED® Low Smoke Zero Halogen Riser MPO Trunk, 192 fiber with 16-
N-192-MP-8G1-F16YL/30T/B2   fiber, 3.0 mm subunits, Singlemode G.657.A2/B2, Feet jacket marking, Yellow jacket color, B2ca
                                  flame rating

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760251080 | N-192-MP-8G1-F16YL/30T/B2

Fiber indoor cable, TeraSPEED® Low Smoke Zero Halogen Riser MPO Trunk, 192 fiber with 16-fiber, 3.0 mm subunits, Singlemode G.657.A2 /B2, Feet jacket marking, Yellow jacket color, B2ca 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	12
Fibers per Subunit, quantity	16
Total Fiber Count	192

Dimensions

Buffer Tube/Subunit Diameter	3 mm	0.118 in
Diameter Over Jacket	15.3 mm	0.602 in

Representative Image

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Mechanical Specifications

Minimum Bend Radius, loaded	230 mm	9.055 in
Minimum Bend Radius, unloaded	153 mm	6.024 in
Tensile Load, long term, maximum	400 N	89.924 lbf
Tensile Load, short term, maximum	1335 N	300.12 lbf
Compression	10 N/mm	57.101 lb/in
Compression Test Method	FOTP-41	IEC 60794-1 E3
Flex	25 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	204 m	669.291 ft

Optical Specifications

Fiber Type	G.657.A2/B2

Environmental Specifications

Installation temperature	0 °C to +50 °C (+32 °F to +122 °F)
Operating Temperature	0 °C to +60 °C (+32 °F to +140 °F)

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Storage Temperature	-40 °C to +60 °C (-40 °F to +140 °F)
Cable Qualification Standards	ANSI/ICEA S-83-596 | Telcordia GR-409
EN50575 CPR Cable EuroClass Fire Performance	B2ca
EN50575 CPR Cable EuroClass Smoke Rating	s1a
EN50575 CPR Cable EuroClass Droplets Rating	d2
EN50575 CPR Cable EuroClass Acidity Rating	a1
Environmental Space	Low Smoke Zero Halogen (LSZH)
Flame Test Method	IEC 60754-2 | IEC 61034-2

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	194 kg/km | 130.362 lb/kft

* Footnotes

Operating Temperature   Specification applicable to non-terminated bulk fiber cable

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