PPLAJXDLCMPN



Propel ULL Multimode OM4 Cabled Module, 16x12 duplex LC Propel module on End A to 1x12f MPO/UPC non-pinned on End B, 192 fiber LSZH Trunk, Method A

- This component requires 3 of the 12 lanes on the Propel Panel blade
- Ultra-low loss (ULL) with Method A 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

Cable ColorAquaCable TypeTrunk Cable - LSZHInterface, frontLC/UPCInterface Feature, frontDuplex ShutteredInterface Color, frontAquaInterface, rearMPO-12/UPC FemaleInterface Feature, rearKey up/down UnpinnedModule Size, end A24 fiberModule Quantity, end A16Module Quantity, end B16PolarityMethod ATotal Eibers quantity192	Configuration Type	PROPEL Module to MPO Connector
Interface, frontLC/UPCInterface Feature, frontDuplex ShutteredInterface Color, frontAquaInterface, rearMPO-12/UPC FemaleInterface Feature, rearKey up/down UnpinnedModule Size, end A24 fiberModule Size, end B24 fiberModule Quantity, end A16Module Quantity, end B16PolarityMethod A	Cable Color	Aqua
Interface Feature, frontDuplex ShutteredInterface Color, frontAquaInterface, rearMPO-12/UPC FemaleInterface Feature, rearKey up/down UnpinnedModule Size, end A24 fiberModule Quantity, end A16Module Quantity, end B16PolarityMethod A	Cable Type	Trunk Cable - LSZH
Interface Color, frontAquaInterface, rearMPO-12/UPC FemaleInterface Feature, rearKey up/down UnpinnedModule Size, end A24 fiberModule Size, end B24 fiberModule Quantity, end A16Module Quantity, end B16PolarityMethod A	Interface, front	LC/UPC
Interface, rearMPO-12/UPC FemaleInterface Feature, rearKey up/down UnpinnedModule Size, end A24 fiberModule Size, end B24 fiberModule Quantity, end A16Module Quantity, end B16PolarityMethod A	Interface Feature, front	Duplex Shuttered
Interface Feature, rearKey up/down UnpinnedModule Size, end A24 fiberModule Size, end B24 fiberModule Quantity, end A16Module Quantity, end B16PolarityMethod A	Interface Color, front	Aqua
Module Size, end A24 fiberModule Size, end B24 fiberModule Quantity, end A16Module Quantity, end BN6PolarityMethod A	Interface, rear	MPO-12/UPC Female
Module Size, end B24 fiberModule Quantity, end A16Module Quantity, end B16PolarityMethod A	Interface Feature, rear	Key up/down Unpinned
Module Quantity, end A16Module Quantity, end B16PolarityMethod A	Module Size, end A	24 fiber
Module Quantity, end B 16 Polarity Method A	Module Size, end B	24 fiber
Polarity Method A	Module Quantity, end A	16
	Module Quantity, end B	16
Total Fibers quantity 102	Polarity	Method A
	Total Fibers, quantity	192

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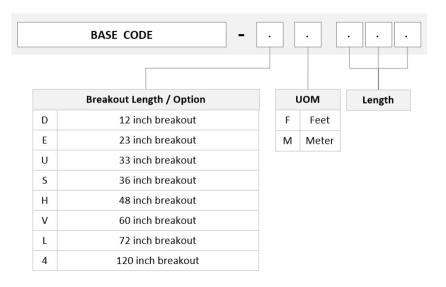
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Total Ports, quantity, front	96
Dimensions	
Height	11 mm 0.433 in
Width	196 mm 7.717 in
Depth	170 mm 6.693 in
Breakout Length, end B	12 in 120 in 33 in 36 in 48 in 60 in 72 in
Cable Assembly Length Range (m)	1 - 400
Cable Assembly Length Range (ft)	2 - 999

Ordering Tree



Optical Specifications

Fiber Mode	Multimode
Fiber Type	OM4
Insertion Loss, maximum	0.35 dB

Environmental Specifications

Qualification Standards	IEC 61753-1 TIA-568.3-D
Safety Standard	c-UL-us

Packaging and Weights

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PPLAJXDLCMPN

Packaging quantity

1

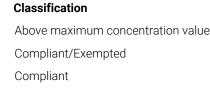
Regulatory Compliance/Certifications

Agency

CHINA-ROHS

ROHS

UK-ROHS





Included Products

760249631 N-192-MP-5K-F12AQ/20T/B2 Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser MPO Trunk, 192 fiber with 2.0 mm Subunits, Multimode OM4, Gel-free, Feet jacket marking, Aqua jacket color, B2ca flame rating

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760249631 | N-192-MP-5K-F12AQ/20T/B2



Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser MPO Trunk, 192 fiber with 2.0mm Subunits, Multimode OM4, Gel-free, Feet jacket marking, Aqua jacket color, B2ca flame rating

Product Classification

Regional Availability	Asia Australia/New Zealand EMEA
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
Filler, quantity	2
Jacket Color	Aqua
Jacket Marking	Feet
Subunit, quantity	16
Fibers per Subunit, quantity	12
Total Fiber Count	192
Dimensions	
Buffer Tube/Subunit Diameter	2 mm 0.079 in
Diameter Over Jacket	13 mm 0.512 in

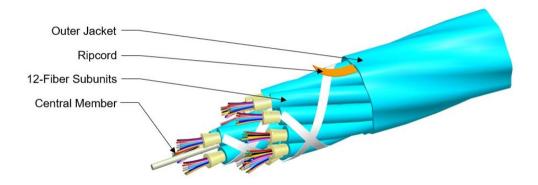
Representative Image

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760249631 | N-192-MP-5K-F12AQ/20T/B2



Mechanical Specifications

Minimum Bend Radius, loaded	195 mm 7.677 in
Minimum Bend Radius, unloaded	130 mm 5.118 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	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	131 m 429.79 ft
Optical Specifications	

Fiber Type

OM4, LazrSPEED® 550

Environmental Specifications

Installation temperature

Operating Temperature

0 °C to +60 °C (+32 °F to +140 °F) 0 °C to +70 °C (+32 °F to +158 °F)

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760249631 | N-192-MP-5K-F12AQ/20T/B2

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	B2ca
EN50575 CPR Cable EuroClass Smoke Rating	sla
EN50575 CPR Cable EuroClass Droplets Rating	d1
EN50575 CPR Cable EuroClass Acidity Rating	al
Environmental Space	Dual Rated LSZH/Riser Low Smoke Zero Halogen (LSZH) Riser
Flame Test Listing	NEC OFNR-ST1 (ETL) and c(ETL)
Flame Test Method	CSA FT4 IEC 60332-3 IEC 60754-2 IEC 61034-2 UL 1666 UL 1685

Environmental Test Specifications

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	155.9 kg/km 104.76 lb/kft

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

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