PPLAJX8LCQXS

Propel ULL Multimode OM4 Cabled Module, 4x8 duplex LC Propel module on End A to 1x8f MPO /UPC pinned on End B, 32 fiber LSZH Trunk, Method A

- This component requires 2 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

Configuration TypePROPEL Module to MPO ConnectorCable ColorAquaCable TypeTrunk Cable - LSZHInterface, frontLC/UPCInterface Feature, frontDuplex ShutteredInterface Color, frontAquaInterface, rearMPO-08/UPC MaleInterface Feature, rearKey up/down PinnedModule Size, end B8 fiberModule Quantity, end A4PolarityMethod ATotal Fibers, quantity, front16	·	
Cable TypeTrunk Cable - LSZHInterface, frontLC/UPCInterface Feature, frontDuplex ShutteredInterface Color, frontAquaInterface, rearMPO-08/UPC MaleInterface Feature, rearKey up/down PinnedModule Size, end A8 fiberModule Size, end B8 fiberModule Quantity, end A4PolarityMethod ATotal Fibers, quantity32	Configuration Type	PROPEL Module to MPO Connector
Interface, frontLC/UPCInterface Feature, frontDuplex ShutteredInterface Color, frontAquaInterface, rearMPO-08/UPC MaleInterface Feature, rearKey up/down PinnedModule Size, end A8 fiberModule Quantity, end A4Module Quantity, end B4PolarityMethod ATotal Fibers, quantity32	Cable Color	Aqua
Interface Feature, frontDuplex ShutteredInterface Color, frontAquaInterface, rearMPO-08/UPC MaleInterface Feature, rearKey up/down PinnedModule Size, end A8 fiberModule Quantity, end A4Module Quantity, end B4PolarityMethod AFolarity32	Cable Type	Trunk Cable - LSZH
Interface Color, frontAquaInterface, rearMPO-08/UPC MaleInterface Feature, rearKey up/down PinnedModule Size, end A8 fiberModule Size, end B8 fiberModule Quantity, end A4PolarityMethod AFolaritySigerStal Fibers, quantity32	Interface, front	LC/UPC
Interface, rearMPO-08/UPC MaleInterface Feature, rearKey up/down PinnedModule Size, end A8 fiberModule Size, end B8 fiberModule Quantity, end A4Module Quantity, end BMethod APolarityMethod AStiberMethod AModule Size, quantityMethod AModule Size, end BMethod AModule Quantity, end BMethod AMethod	Interface Feature, front	Duplex Shuttered
Interface Feature, rearKey up/down PinnedModule Size, end A8 fiberModule Size, end B8 fiberModule Quantity, end A4Module Quantity, end B4PolarityMethod ASolaritySolarityTotal Fibers, quantity32	Interface Color, front	Aqua
Module Size, end A8 fiberModule Size, end B8 fiberModule Quantity, end A4Module Quantity, end B4PolarityMethod AFolarity32	Interface, rear	MPO-08/UPC Male
Module Size, end B8 fiberModule Quantity, end A4Module Quantity, end B4PolarityMethod AFolarity32	Interface Feature, rear	Key up/down Pinned
Module Quantity, end A4Module Quantity, end B4PolarityMethod ATotal Fibers, quantity32	Module Size, end A	8 fiber
Module Quantity, end B4PolarityMethod ATotal Fibers, quantity32	Module Size, end B	8 fiber
Polarity Method A Total Fibers, quantity 32	Module Quantity, end A	4
Total Fibers, quantity 32	Module Quantity, end B	4
	Polarity	Method A
Total Ports, quantity, front 16	Total Fibers, quantity	32
	Total Ports, quantity, front	16

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Dimensions

Height	11 mm 0.433 in
Width	98 mm 3.858 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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Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant

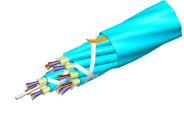
Included Products

760248165 N-032-MP-5K-F08AQ/20T/D Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser MPO Trunk, 32 fiber multi-unit with 8 fiber 2.0mm subunits, Gel-free, Multimode OM4, Feet jacket marking, Aqua jacket color, Dca flame rating

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760248165 | N-032-MP-5K-F08AQ/20T/D



Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser MPO Trunk, 32 fiber multi-unit with 8 fiber 2.0mm subunits, Gel-free, Multimode OM4, Feet jacket marking, Aqua 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	Aqua
Jacket Marking	Feet
Subunit, quantity	4
Fibers per Subunit, quantity	8
Total Fiber Count	32
Dimensions	
Buffer Tube/Subunit Diameter	2 mm 0.079 in
Diameter Over Jacket	7 mm 0.276 in

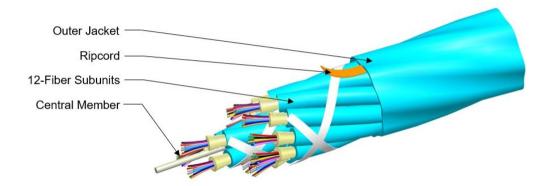
Representative Image

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760248165 | N-032-MP-5K-F08AQ/20T/D



Mechanical Specifications

Minimum Bend Radius, loaded	105 mm 4.134 in
Minimum Bend Radius, unloaded	70 mm 2.756 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	381 m 1250 ft
Optical Specifications	
Fiber Type	OM4, LazrSPEED® 550 OM4, LazrSPEED® 550

Environmental Specifications

Installation temperature	0 °C to +60 °C (+32 °F to +140 °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)

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760248165 | N-032-MP-5K-F08AQ/20T/D

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

43.8 kg/km | 29.432 lb/kft

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

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