PPLA3XDLCMXK



Propel ULL Multimode OM4 Cabled Module, 6x12 duplex LC Propel module on End A to 1x12f MPO/UPC pinned on End B, 72 fiber B2ca 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 - LSZH Class B2caInterface, frontLC/UPCInterface Feature, frontDuplex ShutteredInterface Color, frontAquaInterface, rearMPO-12/UPC Male
Interface, front LC/UPC Interface Feature, front Duplex Shuttered Interface Color, front Aqua
Interface Feature, front Duplex Shuttered Interface Color, front Aqua
Interface Color, front Aqua
Interface rear MPO-12/UPC Male
Interface Feature, rear Key up/down Pinned
Module Size, end A 12 fiber
Module Size, end B12 fiber
Module Quantity, end A 6
Module Quantity, end B 6
Polarity Method A
Total Fibers, quantity72

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PPLA3XDLCMXK

Total Ports, quantity, front	36
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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PPLA3XDLCMXK

Packaging quantity

1

Regulatory Compliance/Certifications

Agency

Classification

CHINA-ROHS Abo

ROHS



Above maximum concentration value Compliant/Exempted Compliant/Exempted

Included Products

760250694 N-072-MP-5K-F12AQ/20T/B2 Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser MPO Trunk, 72 fiber with 2.0 mm Subunits, Multimode OM4, Feet jacket marking, Aqua jacket color, B2ca flame rating

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760250694 | N-072-MP-5K-F12AQ/20T/B2



Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser MPO Trunk, 72 fiber with 2.0 mm Subunits, Multimode OM4, 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
Jacket Color	Aqua
Jacket Marking	Feet
Subunit, quantity	6
Fibers per Subunit, quantity	12
Total Fiber Count	72
Dimensions	
Buffer Tube/Subunit Diameter	2 mm 0.079 in
Diameter Over Jacket	9 mm 0.354 in

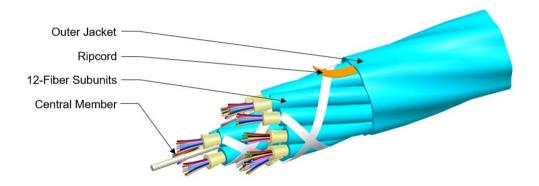
Representative Image

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760250694 | N-072-MP-5K-F12AQ/20T/B2



Mechanical Specifications

Minimum Bend Radius, loaded	135 mm 5.315 in
Minimum Bend Radius, unloaded	92 mm 3.622 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	243 m 797.244 ft
Optical Specifications	

Fiber Type

OM4, LazrSPEED® 550

Environmental Specifications

Installation temperature0 °C to +60 °C (+3Operating Temperature0 °C to +70 °C (+3

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

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COMMSCOPE°

760250694 | N-072-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	s1a
EN50575 CPR Cable EuroClass Droplets Rating	d0
EN50575 CPR Cable EuroClass Acidity Rating	al
Environmental Space	Low Smoke Zero Halogen (LSZH)
Flame Test Method	IEC 60332-3 IEC 60754-2 IEC 61034-2

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	83.9 kg/km 56.378 lb/kft

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

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