PPLU3XRLCRZH



Propel ULL Multimode OM4 Cabled Module, 3x16 duplex LC Propel module on End A to 1x16f MPO/APC pinned Multimode on End B, 48 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

Cable Color Aqua Cable Type Trunk Cable - LSZH Class B2ca Interface, front LC/UPC Interface Feature, front Duplex Shuttered
Interface, front LC/UPC
Interface Feature, front Duplex Shuttered
Interface Color, front Aqua
Interface, rear MPO-16/APC Male
Interface Feature, rear Key up/up Pinned
Module Size, end A 16 fiber
Module Size, end B16 fiber
Module Quantity, end A 3
Module Quantity, end B 3
Polarity Method B Enhanced (ULL)
Total Fibers, quantity48

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Total Ports, quantity, front	24
Dimensions	
Height	11 mm 0.433 in
Width	131 mm 5.157 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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PPLU3XRLCRZH

Packaging quantity

1

Regulatory Compliance/Certifications

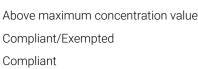
Agency

Classification

CHINA-ROHS

ROHS

UK-ROHS





Included Products

760251057 N-048-MP-5K-F16AQ/30T/B2 Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser MPO Trunk Cable, 48 fiber with 16-fiber, 3.0mm subunits, Gel-free, Multimode OM4, Feet jacket marking, Aqua jacket color, B2ca flame rating

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760251057 | N-048-MP-5K-F16AQ/30T/B2



Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser MPO Trunk Cable, 48 fiber with 16-fiber, 3.0mm subunits, Gel-free, Multimode OM4, Feet jacket marking, Aqua 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
Filler, quantity	1
Jacket Color	Aqua
Jacket Marking	Feet
Subunit, quantity	3
Fibers per Subunit, quantity	16
Total Fiber Count	48
Dimensions	
Buffer Tube/Subunit Diameter	3 mm 0.118 in
Diameter Over Jacket	10.6 mm 0.417 in
Mechanical Specifications	
Minimum Bend Radius, loaded	159 mm 6.26 in
Minimum Bend Radius, unloaded	106 mm 4.173 in
Tensile Load, long term, maximum	400 N 89.924 lbf

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760251057 | N-048-MP-5K-F16AQ/30T/B2

OM4, LazrSPEED® 550

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	404 m 1,325.459 ft
Optical Specifications	

Fiber Type

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)
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

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COMMSCOPE°

760251057 | N-048-MP-5K-F16AQ/30T/B2

Temperature Cycle

Temperature Cycle Test Method

0 °C to +70 °C (+32 °F to +158 °F)

FOTP-3 | IEC 60794-1 F1

Packaging and Weights

Cable weight

101 kg/km | 67.869 lb/kft

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

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