

PPLURXRLCLCR



Propel ULL Multimode OM4 Cabled Module, 1x16 duplex LC Propel module on End A to 1x16 on End B, 16 fiber LSZH Patchcord, 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	End B module is the same module as End A 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 PROPEL Module
Cable Color	Aqua
Cable Type	Patch cord LSZH
Interface, front	LC/UPC
Interface Feature, front	Duplex Shuttered
Interface Color, front	Aqua
Interface, rear	LC/UPC
Interface Feature, rear	Duplex Shuttered
Interface Color, rear	Aqua
Module Size, end A	16 fiber
Module Size, end B	16 fiber
Module Quantity, end A	1
Module Quantity, end B	1
Polarity	Method B Enhanced (ULL)

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Total Fibers, quantity	16
Total Ports, quantity, front	8
Total Ports, quantity, rear	8

Dimensions

Height	11 mm 0.433 in
Width	65 mm 2.559 in
Depth	170 mm 6.693 in
Breakout Length, end B	23 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

Packaging quantity	1
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Regulatory Compliance/Certifications

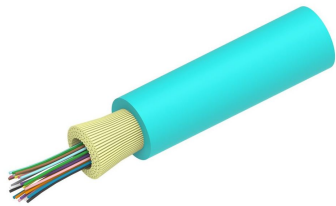
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Agency	Classification
CHINA-ROHS	Above maximum concentration value
ROHS	Compliant/Exempted
UK-ROHS	Compliant/Exempted



Included Products

- 760251055 N-016-MP-5K-F30AQ/D – Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser Light Duty for MPO Patchcords, 16 fiber, Multimode OM4, Gel-free, Feet jacket marking, Aqua jacket color, Dca flame rating



Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser Light Duty for MPO Patchcords, 16 fiber, Multimode OM4, Gel-free, 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
Total Fiber Count	16

Dimensions

Diameter Over Jacket	3 mm 0.118 in
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Mechanical Specifications

Minimum Bend Radius, loaded	45 mm 1.772 in
Minimum Bend Radius, unloaded	24 mm 0.945 in
Tensile Load, long term, maximum	80 N 17.985 lbf
Tensile Load, short term, maximum	267 N 60.024 lbf
Compression	4 N/mm 22.841 lb/in
Compression Test Method	FOTP-41 IEC 60794-1 E3
Flex	300 cycles

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Flex Test Method	FOTP-104 IEC 60794-1 E6
Impact	0.74 N-m 6.55 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	500 m 1,640.42 ft

Optical Specifications

Fiber Type	OM4, LazrSPEED® 550
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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)
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	d0
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	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

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Packaging and Weights

Cable weight

8.8 kg/km | 5.913 lb/kft

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable