

PPLUJXDLCMPG



Propel ULL Multimode OM4 Cabled Module, 3x12 duplex LC Propel module on End A to 1x12f MPO/UPC non-pinned on End B, 36 fiber LSZH Trunk, Method B Enhanced

- This component requires 3 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

Configuration Type	PROPEL Module to MPO Connector
Cable Color	Aqua
Cable Type	Trunk Cable - LSZH
Interface, front	LC/UPC
Interface Feature, front	Duplex Shuttered
Interface Color, front	Aqua
Interface, rear	MPO-12/UPC Female
Interface Feature, rear	Key up/up Unpinned
Module Size, end A	12 fiber
Module Size, end B	12 fiber
Module Quantity, end A	3
Module Quantity, end B	3
Polarity	Method B Enhanced (ULL)
Total Fibers, quantity	36

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Total Ports, quantity, front 18

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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Packaging quantity 1

Regulatory Compliance/Certifications

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



Included Products

- 760227231
N-036-MP-5K-F12AQ/20T/D – Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser MPO Trunk, 36 fiber multi-unit with 12 fiber 2.0mm subunits, Gel-free, Multimode OM4, Feet jacket marking, Aqua jacket color, Dca flame rating

760227231 | N-036-MP-5K-F12AQ/20T/D



Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser MPO Trunk, 36 fiber multi-unit with 12 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

3

Fibers per Subunit, quantity

12

Total Fiber Count

36

Dimensions

Buffer Tube/Subunit Diameter

2 mm | 0.079 in

Diameter Over Jacket

7 mm | 0.276 in

Representative Image



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	387 m 1,269.685 ft

Optical Specifications

Fiber Type	OM4, LazrSPEED® 550 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)

760227231 | N-036-MP-5K-F12AQ/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	47.4 kg/km 31.851 lb/kft
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Regulatory Compliance/Certifications

Agency	Classification
CENELEC	EN 50575 compliant, Declaration of Performance (DoP) available
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant



* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable