PPLA3G8LCQPS

Propel ULL Singlemode Cabled Module, 4x8 duplex LC Propel module on End A to 1x8f MPO /UPC non-pinned on End B, 32 fiber B2ca 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 Type	PROPEL Module to MPO Connector
Cable Color	Yellow
Cable Type	Trunk Cable - LSZH Class B2ca
Interface, front	LC/UPC
Interface Feature, front	Duplex | Shuttered
Interface Color, front	Blue
Interface, rear	MPO-08/UPC Female
Interface Feature, rear	Key up/down | Unpinned
Module Size, end A	8 fiber
Module Size, end B	8 fiber
Module Quantity, end A	4
Module Quantity, end B	4
Polarity	Method A
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

Breakout Length / Option	
D	12 inch breakout
E	23 inch breakout
U	33 inch breakout
S	36 inch breakout
H	48 inch breakout
V	60 inch breakout
L	72 inch breakout
4	120 inch breakout

UOM	
F	Feet
M	Meter

Length

Optical Specifications

Fiber Mode	Singlemode
Fiber Type	OS2
Insertion Loss, maximum	0.6 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

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

760254316 N-032-MP-8G1-F08YL/20T/B2	–	Fiber indoor cable, Low Smoke Zero Halogen Riser MPO Trunk, 32 fiber with 2.0 mm Subunits, Singlemode G.657.A2/B2, Feet jacket marking, Yellow jacket color, B2ca flame rating

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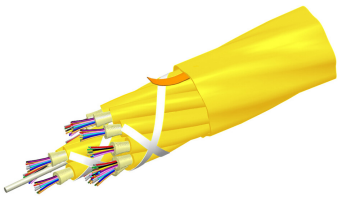
760254316 | N-032-MP-8G1-F08YL/20T/B2



Fiber indoor cable, Low Smoke Zero Halogen Riser MPO Trunk, 32 fiber with 2.0 mm Subunits, Singlemode G.657.A2/B2, Feet jacket marking, Yellow 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	Yellow
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	7.8 mm | 0.307 in

Mechanical Specifications

Minimum Bend Radius, loaded	116 mm | 4.567 in
Minimum Bend Radius, unloaded	78 mm | 3.071 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

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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	336 m | 1,102.362 ft

Optical Specifications

Fiber Type	G.657.A2/B2

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	B2ca
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)
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	60.8 kg/km | 40.856 lb/kft

* Footnotes

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Operating Temperature	Specification applicable to non-terminated bulk fiber cable

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