PPLAJV8LCQP8

Propel ULL Multimode OM5 Cabled Module, 1x8 duplex LC Propel module on End A to 1x8f MPO /UPC non-pinned on End B, 8 fiber LSZH 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	Lime green
Cable Type	Trunk Cable - LSZH
Interface, front	LC/UPC
Interface Feature, front	Duplex Shuttered
Interface Color, front	Lime green
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	1
Module Quantity, end B	1
Polarity	Method A
Total Fibers, quantity	8
Total Ports, quantity, front	4

Page 1 of 6

©2024 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: May 2, 2024



PPLAJV8LCQP8

Dimensions

Height	11 mm 0.433 in
Width	65 mm 2.559 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	OM5
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	

1

Packaging quantity

Page 2 of 6

©2024 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: May 2, 2024



PPLAJV8LCQP8

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

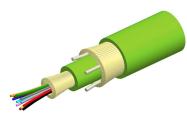
760248170 N-008-MP-5G-F08LM/20T/D Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser MPO Trunk, 8 fiber with 2.0 mm subunits, Multimode OM5, Feet jacket marking, Lime-green jacket color, Dca flame rating

Page 3 of 6

©2024 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: May 2, 2024



760248170 | N-008-MP-5G-F08LM/20T/D



Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser MPO Trunk, 8 fiber with 2.0 mm subunits, Multimode OM5, Feet jacket marking, Lime-green jacket color, Dca flame rating

Product Classification

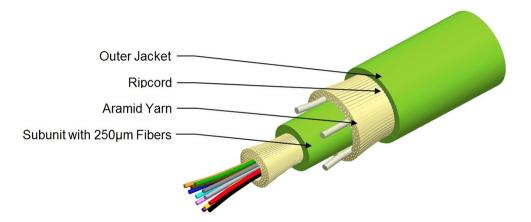
Regional Availability	Asia Australia/New Zealand EMEA Latin America North America
Portfolio	CommScope®
Product Type	Fiber indoor cable
Product Series	N-MP
General Specifications	
Cable Type	MPO trunk cable
Construction Type	Non-armored
Subunit Type	Gel-free
Jacket Color	Lime green
Jacket Marking	Feet
Subunit, quantity	1
Total Fiber Count	8
Dimensions	
Buffer Tube/Subunit Diameter	3 mm 0.118 in
Diameter Over Jacket	5.4 mm 0.213 in
Representative Image	

Page 4 of 6

©2024 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: April 3, 2024

COMMSCOPE°

760248170 | N-008-MP-5G-F08LM/20T/D



Mechanical Specifications

Minimum Bend Radius, loaded	81 mm 3.189 in
Minimum Bend Radius, unloaded	54 mm 2.126 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	500 m 1,640.42 ft

Optical Specifications

Fiber Type

OM5, LazrSPEED® wideband

Environmental Specifications

Installation temperature

Operating Temperature

0 °C to +60 °C (-32 °F to +140 °F) -20 °C to +70 °C (-4 °F to +158 °F)

Page 5 of 6

©2024 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: April 3, 2024



N-008-MP-5G-F08LM/20T/D 760248170 |

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	d1
EN50575 CPR Cable EuroClass Acidity Rating	al
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	-20 °C to +85 °C (-4 °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	-20 °C to +70 °C (-4 °F to +158 °F)
Temperature Cycle Test Method	FOTP-3 IEC 60794-1 F1
Packaging and Weights	
Cable weight	22.8 kg/km 15.321 lb/kft
* Footootes	

FOOLIIOLES

Operating Temperature Specification applicable to non-terminated bulk fiber cable

Page 6 of 6

©2024 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: April 3, 2024

