UJVQPQXT8

Base Product

Ultra Low Loss (ULL) OM5 MPO8 (Non-Pinned) to MPO8 (Pinned), Fiber Trunk Cable Assembly, 8-Fiber, Dual Rated (OFNR/LSZH)

Product Classification

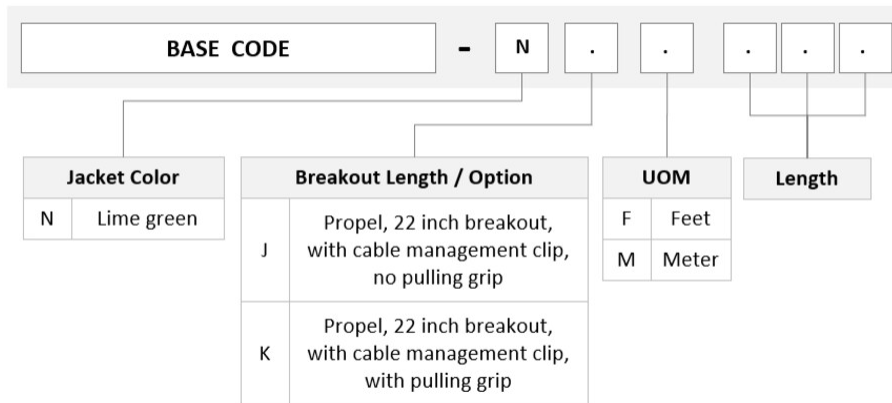|	
Regional Availability	Asia | Australia/New Zealand | China | Europe | India | Latin America | Middle East/Africa | North America
Portfolio	CommScope®
Product Type	Fiber trunk cable assembly
Product Brand	Propel | SYSTIMAX ULL
Ordering Note	For additional jacket colors, please contact a CommScope Sales Representative | For lengths greater than 999 ft (304 m), orders must be in meters | Minimum length may vary based on cable configuration

General Specifications

Connector A, quantity	1
Color, boot A	Gray
Color, connector A	Lime green
Connector B, quantity	1
Color, boot B	Gray
Color, connector B	Lime green
Construction Type	Stranded
Furcation Color	Lime green
Interface, Connector A	MPO-08/UPC Female
Interface, Connector B	MPO-08/UPC Male
Jacket Color	Lime green
Polarity	Method B Enhanced (ULL)
Fibers per Subunit, quantity	8
Total Fibers, quantity	8

Dimensions

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Breakout Length	22 in
Cable Assembly Length Range (m)	3 – 305
Cable Assembly Length Range (ft)	10 – 999

Ordering Tree

BASE CODE	-	N	.	.	.	.	.

Jacket Color

N	Lime green

Breakout Length / Option

J	Propel, 22 inch breakout, with cable management clip, no pulling grip
K	Propel, 22 inch breakout, with cable management clip, with pulling grip

UOM

F	Feet
M	Meter

Length

Mechanical Specifications

Cable Retention Strength, maximum	11.24 lb @ 0 °	4.40 lb @ 90 °

Optical Specifications

Fiber Mode	Multimode
Fiber Type	OM5, LazrSPEED®

Environmental Specifications

Operating Temperature	-10 °C to +60 °C (+14 °F to +140 °F)
Environmental Space	Dual Rated LSZH/Riser	Indoor

Regulatory Compliance/Certifications

Agency	Classification
ANATEL	Compliant
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system

ANATEL

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Included Products

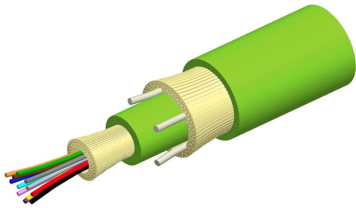|		
760248170 N-008-MP-5G-F08LM/20T/D	–	Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser MPO Trunk, 8 fiber with 2.0 mm subunits, Multimode OM5, Feet jacket marking, Lime-green jacket color, Dca flame rating
860659020	–	MPO-08, ULTRA LOW LOSS, MALE, OM5, LIME-GREEN, 2mm
860659026	–	MPO-08, ULTRA LOW LOSS, FEMALE, OM5, LIME-GREEN, 2mm

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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

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Outer Jacket
Ripcord
Aramid Yarn
Subunit with 250µm Fibers
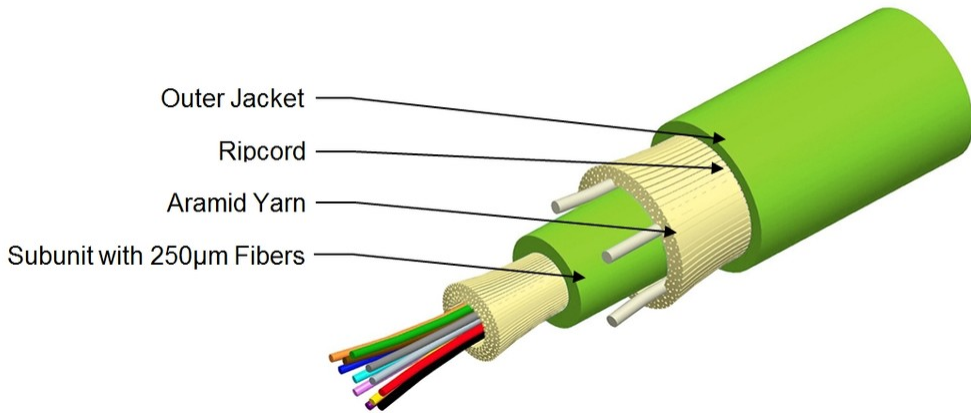
Mechanical Specifications

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

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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	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	-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

* Footnotes

Operating Temperature   Specification applicable to non-terminated bulk fiber cable

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860659020

MPO-08, ULTRA LOW LOSS, MALE, OM5, LIME-GREEN, 2mm

Product Classification

Regional Availability	Asia | Australia/New Zealand | EMEA | Latin America | North America
Portfolio	CommScope®
Product Type	Fiber connector
Product Brand	LazrSPEED®

General Specifications

Color	Lime green
Color, boot	Black
Ferrule Geometry	Flat
Interface	MPO/UPC Male
Interface Feature	Pinned
Total Fiber Count	8

Dimensions

Compatible Cable Diameter	2 mm | 0.079 in

Material Specifications

Ferrule Material	Polymer

Optical Specifications

Fiber Mode	Multimode
Fiber Type	OM5
Optical Components Standard	ANSI/TIA-568-C.3
Insertion Loss, maximum	0.2 dB
Return Loss, minimum	27 dB

Packaging and Weights

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860659020

Packaging quantity   1

Regulatory Compliance/Certifications

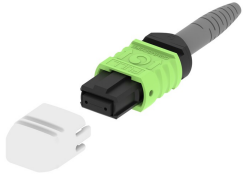| Agency	Classification
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant

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860659026

MPO-08, ULTRA LOW LOSS, FEMALE, OM5, LIME-GREEN, 2mm

Product Classification

Regional Availability	Asia	Australia/New Zealand	EMEA	Latin America	North America
Portfolio	CommScope®
Product Type	Fiber connector
Product Brand	LazrSPEED®

General Specifications

Color	Lime green
Color, boot	Black
Ferrule Geometry	Flat
Interface	MPO/UPC Female
Interface Feature	Unpinned
Total Fiber Count	8

Dimensions

Compatible Cable Diameter	2 mm	0.079 in

Material Specifications

Ferrule Material	Polymer

Optical Specifications

Fiber Mode	Multimode
Fiber Type	OM5
Optical Components Standard	ANSI/TIA-568-C.3
Insertion Loss, maximum	0.2 dB
Return Loss, minimum	27 dB

Packaging and Weights

COMMSCOPE®

860659026

Packaging quantity   1

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
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