AJXMPMPCF

Ultra Low Loss ULL LazrSPEED® 550 MPO(female) to MPO(female) Pre-terminated Trunk Cable, MPO12, 24-Fiber, LSZH, 12 fiber PmP 2.0 mm Dca, Method A

Product Classification

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

Color, boot A	Black
Color, boot B	Black
Color, connector A	Black
Color, connector B	Black
Construction Type	Ultra Low Loss (ULL) trunk/extension/cross-connect, indoor
Fibers per Subunit, quantity	12
Furcation Color	Aqua
Interface, Connector A	MPO-12/UPC Female
Interface, Connector B	MPO-12/UPC Female
Jacket Color	Aqua
Total Fibers, quantity	24

Dimensions

Breakout Length	33 in

Optical Specifications

Fiber Type	OM4, LazrSPEED® 550

Environmental Specifications

Operating Temperature	-10 °C to +60 °C (+14 °F to +140 °F)
EN50575 CPR Cable EuroClass	Dca

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Environmental Space   Low Smoke Zero Halogen (LSZH)

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Above 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/Exempted

Included Products

7 6 0 2 2 7 2 2 3
N-024-MP-5K-F12AQ/20T/D — LazrSPEED® Low Smoke Zero Halogen Riser MPO Trunk Cable, 24 fiber with 12 fiber 2.0mm subunits

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760227223 | N-024-MP-5K-F12AQ/20T/D
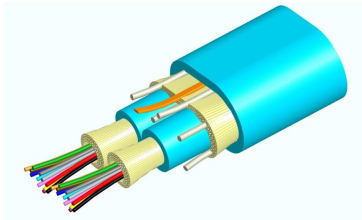
LazrSPEED® Low Smoke Zero Halogen Riser MPO Trunk Cable, 24 fiber with 12 fiber 2.0mm subunits

Product Classification

Regional Availability	Asia	Australia/New Zealand	EMEA	Latin America	North America
Portfolio	CommScope®
Product Type	Fiber indoor cable

General Specifications

Cable Type	MPO trunk cable
Construction Type	Non-armored
Fiber Type, quantity	24
Fibers per Subunit, quantity	12
Jacket Color	Aqua
Subunit Type	Gel-free
Subunit, quantity	2
Total Fiber Count	24

Dimensions

Height Over Jacket	4.5 mm	0.177 in
Width Over Jacket	6.2 mm	0.244 in
Buffer Tube/Subunit Diameter	2 mm	0.079 in

Representative Image

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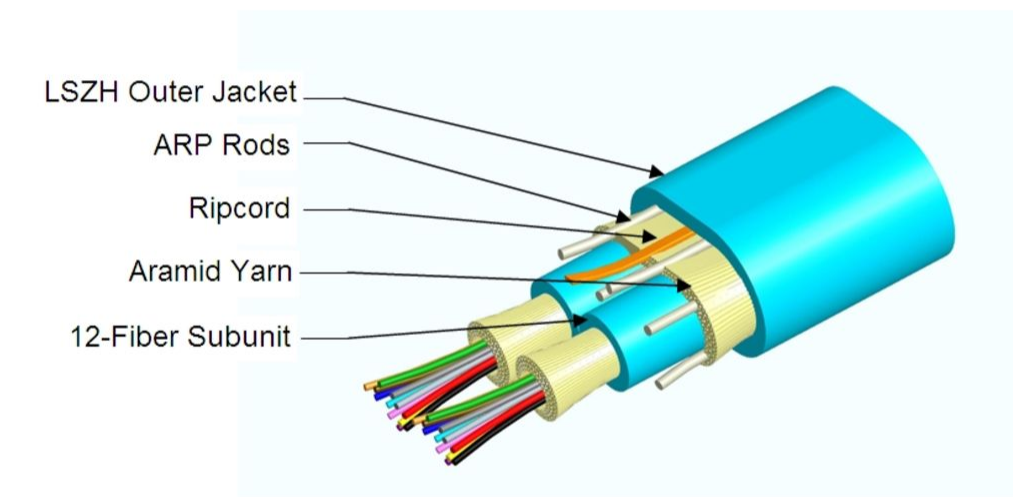
Mechanical Specifications

Minimum Bend Radius, loaded	67 mm	2.638 in
Minimum Bend Radius, unloaded	45 mm	1.772 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	1.751 lb/in
Compression Test Method	FOTP-41	IEC 60794-1 E3
Flex	300 cycles
Flex Test Method	FOTP-104	IEC 60794-1 E6
Impact	5.88 N-m	52.042 in lb
Impact Test Method	FOTP-25	IEC 60794-1 E4
Strain	See long and short term tensile loads

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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	OM4, LazrSPEED® 550

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	Dca	a1	d1	s1a
Environmental Space	Low Smoke Zero Halogen (LSZH)	Riser
Flame Test Listing	NEC OFNR-LS (ETL) and c(ETL)
Flame Test Method	IEC 60332-3	IEC 60754-2	IEC 61034-2	IEEE 383	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 +60 °C (+32 °F to +140 °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	33 kg/km	238.689 lb/kft

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

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REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

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