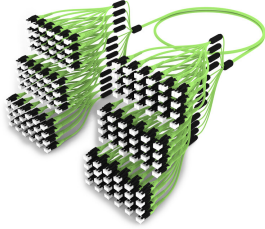


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Base Product



Ultra Low Loss ULL LazrSPEED® 550 OM5 LC/UPC Uniboot to LC/UPC Uniboot Ruggedized fanout Cable, 144-Fiber, Plenum, 12 fiber PmP 2.0 mm Dca

Product Classification

Regional Availability	Asia Australia/New Zealand Europe Latin America Middle East/Africa North America
Portfolio	CommScope®
Product Type	Ruggedized fanout
Product Brand	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

Color, boot A	Blue
Color, connector A	Black
Color, boot B	Blue
Color, connector B	Black
Construction Type	Stranded
Furcation Color	Lime green
Interface, Connector A	LC/UPC
Interface Feature, connector A	Uniboot
Interface, Connector B	LC/UPC
Interface Feature, connector B	Uniboot
Jacket Color	Lime green
Fibers per Subunit, quantity	12
Total Fibers, quantity	144

Dimensions

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

Ordering Tree



Optical Specifications

Fiber Mode	Multimode
Fiber Type	OM5, LazrSPEED®

Environmental Specifications

Operating Temperature	-10 °C to +60 °C (+14 °F to +140 °F)
EN50575 CPR Cable EuroClass Fire Performance	Dca
Environmental Space	Indoor Plenum

Regulatory Compliance/Certifications

Agency	Classification
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
UK-ROHS	Compliant



Included Products

760242125 P-144-MP-5G-F12LM/20T	– Fiber indoor cable, LazrSPEED® Plenum MPO Trunk, 144 fiber multi-unit with 12 fiber subunits, Multimode OM5, Gel-free, Feet jacket marking, Lime green jacket color
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760242125 | P-144-MP-5G-F12LM/20T



Fiber indoor cable, LazrSPEED® Plenum MPO Trunk, 144 fiber multi-unit with 12 fiber subunits, Multimode OM5, Gel-free, Feet jacket marking, Lime green jacket color

Product Classification

Regional Availability	Asia Australia/New Zealand Latin America Middle East /Africa North America
Portfolio	CommScope®
Product Type	Fiber indoor cable
Product Series	P-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	12
Fibers per Subunit, quantity	12
Total Fiber Count	144

Dimensions

Buffer Tube/Subunit Diameter	2 mm 0.079 in
Diameter Over Jacket	11.8 mm 0.465 in

Representative Image



Mechanical Specifications

Minimum Bend Radius, loaded	172 mm 6.772 in
Minimum Bend Radius, unloaded	115 mm 4.528 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	0.74 N-m 6.55 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 OM5, LazrSPEED® wideband
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Environmental Specifications

Installation temperature	0 °C to +70 °C (+32 °F to +158 °F)
Operating Temperature	0 °C to +70 °C (+32 °F to +158 °F)

760242125 | P-144-MP-5G-F12LM/20T

Storage Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Cable Qualification Standards	ANSI/ICEA S-83-596 Telcordia GR-409
Environmental Space	Plenum
Flame Test Listing	NEC OFNP (ETL) and c(ETL)
Flame Test Method	NFPA 130 NFPA 262

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 +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	143 kg/km 96.092 lb/kft
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Regulatory Compliance/Certifications

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

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable