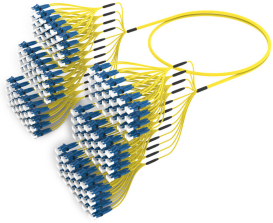


Base Product



Ultra Low Loss ULL TeraSPEED® LC/UPC to Unconnectorized 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	Green
Color, boot B	Blue
Color, connector B	Blue
Construction Type	Stranded
Furcation Color	Yellow
Interface, Connector A	LC/APC
Interface Feature, connector A	ULL
Interface, Connector B	Unterminated
Interface Feature, connector B	ULL
Jacket Color	Yellow
Fibers per Subunit, quantity	12
Total Fibers, quantity	144

Dimensions

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

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Ordering Tree



Optical Specifications

Fiber Mode	Singlemode
Fiber Type	G.657.A2, TeraSPEED®

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
ANATEL	Compliant

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Included Products

- 760242061
P-144-MP-8G-F12YL/20T - Fiber Indoor Cable, Plenum MPO Trunk, 144 fiber multi-unit with 12 fiber subunits, Singlemode G.657.A2/B2, Gel-free, Feet jacket marking, Yellow jacket color



Fiber Indoor Cable, Plenum MPO Trunk, 144 fiber multi-unit with 12 fiber subunits, Singlemode G.657.A2/B2, Gel-free, Feet jacket marking, Yellow 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	Yellow
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	G.657.A2/B2 G.657.A2/B2
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Environmental Specifications

Installation temperature	0 °C to +70 °C (+32 °F to +158 °F)
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760242061 | P-144-MP-8G-F12YL/20T

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
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