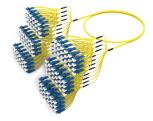
## ALGLCLCCM

### **Base Product**



# Ultra Low Loss ULL TeraSPEED® LC/UPC to LC/UPC Ruggedized fanout Cable, 144-Fiber, Plenum, 12 fiber PmP 2.0 mm Dca, Method A

in meters | Minimum length may vary based on cable configuration

## 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

## 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/UPC
Interface Feature, connector A	ULL
Interface, Connector B	LC/UPC
Interface Feature, connector B	ULL
Jacket Color	Yellow
Polarity	Method A
Fibers per Subunit, quantity	12
Total Fibers, quantity	144
Dimensions	

Cable Assembly Length Range (m)

3 - 999

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## ALGLCLCCM

### Cable Assembly Length Range (ft)

8 - 999

## Ordering Tree

L		BASE (		ĿIJ	·
					-
Jac	cket Color		Breakout Length / Option	L	ength
J	Yellow	А	33 inch breakout, no gland		
		В	33 inch breakout, with gland		-
		D	12 inch breakout, with gland, pulling grip (side A only)		
		E	24 inch breakout, no gland		лом
		F	24 inch breakout, with gland	F	Fee
		G	24 inch breakout, with gland, pulling grip (side A only)	M	Mete
		н	48 inch breakout, no gland		
		J	48 inch breakout, with gland		
		L	72 inch breakout, no gland		
		м	72 inch breakout, with gland		
		Р	96 inch breakout, no gland		
		Q	96 inch breakout, with gland		
		S	36 inch breakout, no gland		
		т	36 inch breakout, with gland, pulling grip (side A only)		
		U	36 inch breakout, with gland		
		V	60 inch breakout, no gland		
		W	60 inch breakout, with pulling grip		
		1	33/60 inch breakout, no gland		
		2	33/60 inch breakout, with gland on side A		
		3	33/60 inch breakout, with pulling grip and gland on side A		
		4	23 inch breakout, mounting clips included, no pulling grip on side A		
		5	23 inch breakout, mounting clips included, pulling grip on side A		

## **Optical Specifications**

Fiber Mode

Fiber Type

Singlemode G.657.A2, TeraSPEED®

## **Environmental Specifications**

Operating Temperature-10 °C to +60 °C (+14 °F to +140 °F)EN50575 CPR Cable EuroClass Fire PerformanceDcaEnvironmental SpaceIndoor | Plenum

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# ALGLCLCCM

## Regulatory Compliance/Certifications

Agency	Classification
ANATEL	Compliant
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

### 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
860637435	-	LC/UPC Connector, Singlemode, Blue, Short Boot

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# 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

## 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

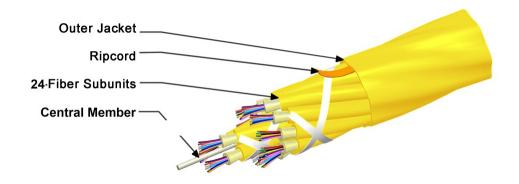
## Representative Image

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## 760242061 | P-144-MP-8G-F12YL/20T



## 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
Ontical Specifications	

### **Optical Specifications**

Fiber Type

G.657.A2/B2 | G.657.A2/B2

## **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

### 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

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## 860637435



Product Classification

### LC/UPC Connector, Singlemode, Blue, Short Boot

Regional Availability	Asia   Australia/New Zealand   EMEA   Latin America   North America
Portfolio	CommScope®
Product Type	Fiber connector
General Specifications	
Color, boot	Blue
Color, housing	Blue
Interface	LC/UPC
Dimensions	
Length	41.6 mm   1.638 in
Material Specifications	
Ferrule Material	Zirconia
Mechanical Specifications	
Cable Retention Strength, maximum	11.24 lb @ 0 °
Optical Specifications	
Fiber Mode	Singlemode
Insertion Loss Change, mating	0.2 dB
Optical Components Standard	ANSI/TIA-568. 3-D   IEC 61753-1
Insertion Loss Change, temperature	0.3 dB
Insertion Loss, maximum	0.25 dB
Return Loss, minimum	55 dB

## Regulatory Compliance/Certifications

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## 860637435

#### Agency

CHINA-ROHS

### ROHS UK-ROHS

Classification

Below maximum concentration value Compliant Compliant



## \* Footnotes

Insertion Loss Change, mating TIA-568: Maximum insertion loss change after 500 matings

Insertion Loss Change, temperature Maximum insertion loss change from -10 °C to +60 °C (+14 °F to +140 °F)

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