## ULGMPSCCK

#### **Base Product**



#### Ultra Low Loss ULL TeraSPEED® MPO(Unpinned) to SC/UPC Ruggedized fanout Cable, 72-Fiber, Plenum, 12 fiber PmP 2.0 mm Dca

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	Black
Color, connector A	Green
Color, boot B	Blue
Color, connector B	Blue
Construction Type	Stranded
Furcation Color	Yellow
Interface, Connector A	MPO-12/APC Female
Interface, Connector B	SC/UPC
Interface Feature, connector B	ULL
Jacket Color	Yellow
Polarity	Method B Enhanced (ULL)
Fibers per Subunit, quantity	12
Total Fibers, quantity	72
Dimensions	

Cable Assembly Length Range (m)

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3 - 999



## ULGMPSCCK

Cable Assembly Length Range (ft)

10 - 999

#### Ordering Tree

	BASE	CODE			•
Ja	cket Color		Breakout Length / Option		ength
J	Yellow	Е	24 inch breakout, no gland		
		F	24 inch breakout, with gland		
		1	33/60 inch breakout, no gland		
		2	33/60 inch breakout, with gland		
	3		33/60 inch breakout, with pulling grip	,	JOM
н		н	48 inch breakout, no gland	F	Feet
		J	48 inch breakout, with gland	М	Meter
		L	72 inch breakout, no gland		
		М	72 inch breakout, with gland		
		S	36 inch breakout, no gland		
		U	36 inch breakout, with gland		
		V	60 inch breakout, no gland		
		W	60 inch breakout, with pulling grip		

#### **Optical Specifications**

Fiber Mode

Fiber Type

Singlemode

G.657.A2, TeraSPEED®

#### **Environmental Specifications**

**Operating Temperature** 

EN50575 CPR Cable EuroClass Fire Performance

**Environmental Space** 

Dca Indoor | Plenum

-10 °C to +60 °C (+14 °F to +140 °F)

#### Regulatory Compliance/Certifications

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

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**COMMSCOPE**<sup>®</sup>

## ULGMPSCCK



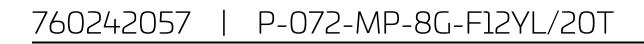
#### Included Products

760242057 P-072-MP-8G-F12YL/20T	_	Fiber indoor cable, Plenum MPO Trunk, 72 fiber multi-unit with 12 fiber subunits, Singlemode G. 657.A2/B2, Feet jacket marking, Yellow jacket color
860655893	-	SC/UPC Connector, Singlemode, Blue A2
860659016	-	MP012, ULL, FEMALE, SM, GREEN, 2MM

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Fiber indoor cable, Plenum MPO Trunk, 72 fiber multi-unit with 12 fiber subunits, Singlemode G.657.A2/B2, 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	6
Fibers per Subunit, quantity	12
Total Fiber Count	72
Dimensions	
Buffer Tube/Subunit Diameter	2 mm   0.079 in
Diameter Over Jacket	9.3 mm   0.366 in

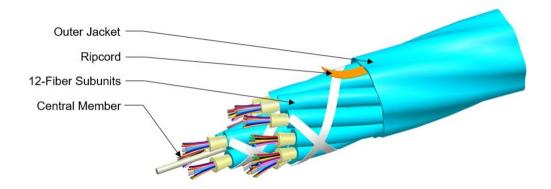
#### Representative Image

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## 760242057 | P-072-MP-8G-F12YL/20T



#### Mechanical Specifications

Minimum Bend Radius, loaded	141 mm   5.551 in
Minimum Bend Radius, unloaded	94 mm   3.701 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	227 m   744.751 ft
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)
Operating Temperature	0 °C to +70 °C (+32 °F to +158 °F)
Storage Temperature	-40 °C to +70 °C (-40 °F to +158 °F)

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# 760242057 | P-072-MP-8G-F12YL/20T

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

90 kg/km | 60.477 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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### 860655893



Product Classification

**Return Loss, minimum** 

#### SC/UPC Connector, Singlemode, Blue A2

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	SC/UPC
Dimensions	
Length	48 mm   1.89 in
Compatible Cable Diameter	1.6 mm   0.063 in   2 mm   0.079 in
Material Specifications	
Ferrule Material	Zirconia
Mechanical Specifications	
Cable Retention Strength, maximum	15.73 lb @ 0 °
Optical Specifications	
Fiber Mode	Singlemode
Fiber Type	G.657.A2
Insertion Loss Change, mating	0.2 dB
Optical Components Standard	ANSI/TIA-568. 3-D   IEC 61753-1
Insertion Loss Change, temperature	0.2 dB
Insertion Loss, maximum	0.34 dB
<b>.</b>	

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50 dB



#### Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Above maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant/Exempted
UK-ROHS	Compliant/Exempted
504	

#### \* 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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### 860659016



Product Classification

#### MP012, ULL, FEMALE, SM, GREEN, 2MM

Regional Availability	Asia   Australia/New Zealand   EMEA   Latin America   North America
Portfolio	CommScope®
Product Type	Fiber connector
Product Brand	TeraSPEED®
General Specifications	
Color	Green
Color, boot	Black
Ferrule Geometry	Angled
Interface	MPO/APC Female
Interface Feature	Unpinned
Total Fiber Count	12
Dimensions	
Length	60.1 mm   2.366 in
Compatible Cable Diameter	2 mm   0.079 in
Material Specifications	
Ferrule Material	Polymer
Mechanical Specifications	
Cable Retention Strength, maximum	11.24 lb @ 0 °
Optical Specifications	
Fiber Mode	Singlemode
Fiber Type	G.652.D and G.657.A1, TeraSPEED®   OS2
Insertion Loss Change, mating	0.35 dB
Optical Components Standard	ANSI/TIA-568-C.3

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### 860659016

Insertion Loss, maximum	0.35 dB
Return Loss, minimum	65 dB

#### Packaging and Weights

Packaging quantity

#### \* Footnotes

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

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