ULGLGLGCF

Base Product



Ultra Low Loss ULL TeraSPEED® LC/APC G B to LC/APC G B Ruggedized fanout Cable, 24-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	Green
Color, connector A	Green
Color, boot B	Green
Color, connector B	Green
Construction Type	Stranded
Furcation Color	Yellow
Interface, Connector A	LC/APC
Interface Feature, connector A	Grade B performance
Interface, Connector B	LC/APC
Interface Feature, connector B	Grade B performance
Jacket Color	Yellow
Fibers per Subunit, quantity	12
Total Fibers, quantity	24
Dimensions	

Cable Assembly Length Range (m)

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3 - 305



ULGLGLGCF

Cable Assembly Length Range (ft)

10 - 999

Ordering Tree

	BASE	CODE	- J	Ŀ	·
Jacket Color			Breakout Length / Option	Length	
J	Yellow	E	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 H		3	33/60 inch breakout, with pulling grip		JOM
		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

-10 °C to +60 °C (+14 °F to +140 °F) Dca

Indoor | Plenum

Regulatory Compliance/Certifications

Agency	Classification
ANATEL	Compliant
CHINA-ROHS	Below maximum concentration value

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ULGLGLGCF

Compliant

Compliant

ISO 9001:2015

REACH-SVHC

ROHS

UK-ROHS



Included Products

760242051 P-024-MP-8G-F12YL/20T Fiber indoor cable, Plenum for MPO Trunks, 24 fiber with 12 fiber subunits, Singlemode G.657. A2/B2, Feet jacket marking, Yellow jacket color

Designed, manufactured and/or distributed under this quality management system

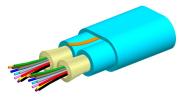
Compliant as per SVHC revision on www.commscope.com/ProductCompliance

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760242051 | P-024-MP-8G-F12YL/20T



Fiber indoor cable, Plenum for MPO Trunks, 24 fiber 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	2
Fibers per Subunit, quantity	12
Total Fiber Count	24
Dimensions	
Height Over Jacket	5.4 mm 0.213 in
Width Over Jacket	7.15 mm 0.281 in
Buffer Tube/Subunit Diameter	2 mm 0.079 in

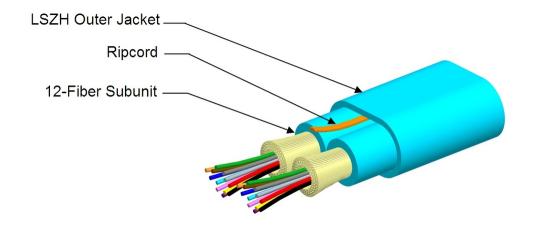
Representative Image

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760242051 | P-024-MP-8G-F12YL/20T



Mechanical Specifications

Minimum Bend Radius, loaded	81 mm 3.189 in
Minimum Bend Radius, unloaded	54 mm 2.126 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	440 m 1,443.57 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)

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760242051 | P-024-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

46.4 kg/km | 31.179 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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