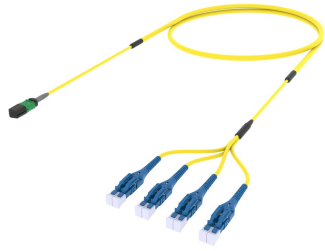


# ALGQPLUT8

Base Product



Singlemode MPO8 APC non-pinned to LC/UPC Uniboot Ruggedized fanout Cable, 8-Fiber, Plenum, 8 fiber PmP 2.0 mm, Method A

## Product Classification

<b>Regional Availability</b>	Asia   Australia/New Zealand   China   Europe   India   Latin America   Middle East/Africa   North America
<b>Portfolio</b>	CommScope®
<b>Product Type</b>	Ruggedized fanout
<b>Product Brand</b>	Propel   SYSTIMAX ULL
<b>Ordering Note</b>	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

<b>Connector A, quantity</b>	1
<b>Color, boot A</b>	Gray
<b>Color, connector A</b>	Green
<b>Connector B, quantity</b>	8
<b>Color, boot B</b>	Blue
<b>Color, connector B</b>	Blue
<b>Construction Type</b>	Stranded
<b>Furcation Color</b>	Yellow
<b>Interface, Connector A</b>	MPO-08/APC Female
<b>Interface, Connector B</b>	LC/UPC
<b>Interface Feature, connector B</b>	Uniboot
<b>Jacket Color</b>	Yellow
<b>Polarity</b>	Method A
<b>Fibers per Subunit, quantity</b>	8
<b>Total Fibers, quantity</b>	8

# ALGQPLUT8

## Dimensions

<b>Breakout Length</b>	22 in
<b>Cable Assembly Length Range (m)</b>	2 – 999
<b>Cable Assembly Length Range (ft)</b>	7 – 999

## Ordering Tree



## Mechanical Specifications

<b>Cable Retention Strength, maximum</b>	11.24 lb @ 0 °   4.40 lb @ 90 °
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## Optical Specifications

<b>Fiber Mode</b>	Singlemode
<b>Fiber Type</b>	G.657.A2, TeraSPEED®

## Environmental Specifications

<b>Operating Temperature</b>	-10 °C to +60 °C (+14 °F to +140 °F)
<b>Environmental Space</b>	Indoor   Plenum

## Regulatory Compliance/Certifications

Agency	Classification
ANATEL	Compliant
CHINA-ROHS	Above maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>

# ALGQPLUT8

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ROHS Compliant/Exempted

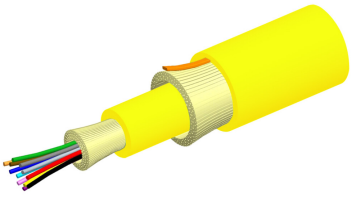
UK-ROHS Compliant/Exempted



## Included Products

- 760245562 P-008-MP-8G1-F08YL/20T – Fiber indoor cable, Plenum MPO Trunk, 8 fiber, Singlemode G.657.A2/B2, Feet jacket marking, Yellow jacket color
- 860658160 – LC/UPC Uniboot Connector, Singlemode, Blue
- 860659028 – MPO-08, ULTRA LOW LOSS, FEMALE, Singlemode, GREEN, 2mm

# 760245562 | P-008-MP-8G1-F08YL/20T



Fiber indoor cable, Plenum MPO Trunk, 8 fiber, 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

1

### Fibers per Subunit, quantity

8

### Total Fiber Count

8

## Dimensions

### Buffer Tube/Subunit Diameter

2 mm | 0.079 in

### Diameter Over Jacket

5.2 mm | 0.205 in

## Representative Image



## Mechanical Specifications

<b>Minimum Bend Radius, loaded</b>	79 mm   3.11 in
<b>Minimum Bend Radius, unloaded</b>	52 mm   2.047 in
<b>Tensile Load, long term, maximum</b>	133 N   29.9 lbf
<b>Tensile Load, short term, maximum</b>	445 N   100.04 lbf
<b>Compression</b>	10 N/mm   57.101 lb/in
<b>Compression Test Method</b>	FOTP-41   IEC 60794-1 E3
<b>Flex</b>	300 cycles
<b>Flex Test Method</b>	FOTP-104   IEC 60794-1 E6
<b>Impact</b>	0.74 N-m   6.55 in lb
<b>Impact Test Method</b>	FOTP-25   IEC 60794-1 E4
<b>Strain</b>	See long and short term tensile loads
<b>Strain Test Method</b>	FOTP-33   IEC 60794-1 E1
<b>Twist</b>	10 cycles
<b>Twist Test Method</b>	FOTP-85   IEC 60794-1 E7
<b>Vertical Rise, maximum</b>	417 m   1,368.11 ft

## Optical Specifications

<b>Fiber Type</b>	G.657.A2/B2   G.657.A2/B2
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## Environmental Specifications

<b>Installation temperature</b>	0 °C to +70 °C (+32 °F to +158 °F)
<b>Operating Temperature</b>	0 °C to +70 °C (+32 °F to +158 °F)

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

## Environmental Test Specifications

<b>Heat Age</b>	0 °C to +85 °C (+32 °F to +185 °F)
<b>Heat Age Test Method</b>	IEC 60794-1 F9
<b>Low High Bend</b>	0 °C to +70 °C (+32 °F to +158 °F)
<b>Low High Bend Test Method</b>	FOTP-37   IEC 60794-1 E11
<b>Temperature Cycle</b>	0 °C to +70 °C (+32 °F to +158 °F)
<b>Temperature Cycle Test Method</b>	FOTP-3   IEC 60794-1 F1

## Packaging and Weights

<b>Cable weight</b>	33 kg/km   22.175 lb/kft
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## Regulatory Compliance/Certifications

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

## \* Footnotes

**Operating Temperature** Specification applicable to non-terminated bulk fiber cable

# 860658160

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## LC/UPC Uniboot Connector, Singlemode, Blue

### Product Classification

<b>Regional Availability</b>	Asia   Australia/New Zealand   EMEA   Latin America   North America
<b>Portfolio</b>	CommScope®
<b>Product Type</b>	Fiber connector

### General Specifications

<b>Color, boot</b>	Blue
<b>Color, housing</b>	Blue
<b>Interface</b>	LC/UPC

### Dimensions

<b>Length</b>	64 mm   2.52 in
<b>Compatible Cable Diameter</b>	1.6 mm   0.063 in   2 mm   0.079 in

### Material Specifications

<b>Ferrule Material</b>	Zirconia
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### Mechanical Specifications

<b>Cable Retention Strength, maximum</b>	11.24 lb @ 0 °
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### Optical Specifications

<b>Fiber Mode</b>	Singlemode
<b>Insertion Loss Change, mating</b>	0.2 dB
<b>Optical Components Standard</b>	ANSI/TIA-568. 3-D   IEC 61753-1
<b>Insertion Loss Change, temperature</b>	0.2 dB
<b>Insertion Loss, ULL, maximum</b>	0.25 dB
<b>Return Loss, minimum</b>	55 dB

### Regulatory Compliance/Certifications

# 860658160

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Agency	Classification
CHINA-ROHS	Above maximum concentration value
ROHS	Compliant/Exempted
UK-ROHS	Compliant/Exempted



## \* 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)



# 860659028

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MPO-08, ULTRA LOW LOSS, FEMALE, Singlemode, GREEN, 2mm

## Product Classification

<b>Regional Availability</b>	Asia   Australia/New Zealand   EMEA   Latin America   North America
<b>Portfolio</b>	CommScope®
<b>Product Type</b>	Fiber connector
<b>Product Brand</b>	TeraSPEED®

## General Specifications

<b>Color</b>	Green
<b>Color, boot</b>	Black
<b>Ferrule Geometry</b>	Angled
<b>Interface</b>	MPO/APC Female
<b>Interface Feature</b>	Unpinned
<b>Total Fiber Count</b>	8

## Dimensions

<b>Compatible Cable Diameter</b>	2 mm   0.079 in
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## Material Specifications

<b>Ferrule Material</b>	Polymer
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## Optical Specifications

<b>Fiber Mode</b>	Singlemode
<b>Fiber Type</b>	G.657.A2
<b>Optical Components Standard</b>	ANSI/TIA-568-C.3
<b>Insertion Loss, maximum</b>	0.35 dB
<b>Return Loss, minimum</b>	65 dB

## Packaging and Weights

# 860659028

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**Packaging quantity** 1

## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
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 <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant
UK-ROHS	Compliant

