

# UGGQXUCY8

## Base Product



Hybrid Ultra Low Loss (ULL) Singlemode G.657.A2 MPO8 (Pinned) to Unconnectorized , 2 Pair 16AWG Constellation Trunk Cable Assembly, 8-Fiber, Plenum

## Product Classification

### Regional Availability

Asia | Australia/New Zealand | China | Europe | India | Latin America | Middle East/Africa | North America

### Portfolio

CommScope®

### Product Type

Hybrid cable assembly | 2-pair

### 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

### Conductor Capacitance

75.459 pF/m | 23 pF/ft

### Conductor Resistance

14.698 ohms/km | 4.48 ohms/kft

### Conductor Type

16 AWG | Stranded

### Conductors, quantity

4

### Conductor Pairs, quantity

2

### Connector A, quantity

1

### Color, boot A

Gray

### Color, connector A

Green

### Construction Type

Hybrid standard trunk

### Furcation Color

Yellow

### Interface, Connector A

MPO-08/APC Male

### Jacket Color

Yellow

### Polarity

Method B Enhanced (ULL)

### Fibers per Subunit, quantity

8

### Total Fibers, quantity

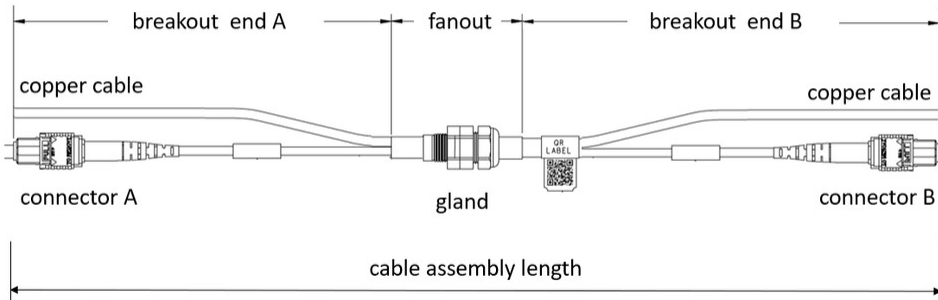
8

## Dimensions

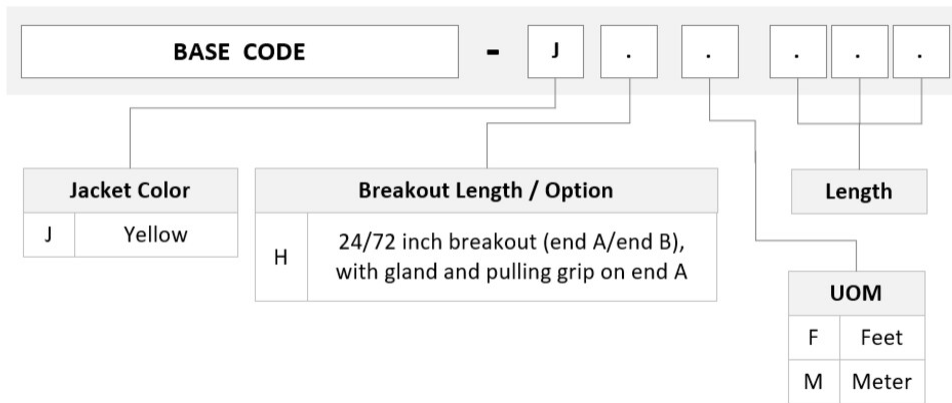
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<b>Breakout Length</b>	24 in   72 in
<b>Cable Assembly Length Range (m)</b>	10 – 999
<b>Cable Assembly Length Range (ft)</b>	33 – 999

## Dimension Drawing



## 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®

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## Environmental Specifications

<b>Operating Temperature</b>	-10 °C to +60 °C (+14 °F to +140 °F)
<b>Environmental Space</b>	Indoor   Plenum
<b>Qualification Standards</b>	GR-3108 class 4

## Regulatory Compliance/Certifications

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



## Included Products

- 860659022 – MPO-08, ULTRA LOW LOSS, MALE, Singlemode, GREEN, 2mm

# 860659022

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MPO-08, ULTRA LOW LOSS, MALE, 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 Male
<b>Interface Feature</b>	Pinned
<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

**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

