

# U3GQXUCT8

## Base Product



Ultra Low Loss (ULL) Singlemode MPO8 (Pinned) to unconnectorized, Fiber Trunk Cable Assembly, 8-Fiber, LZSH B2ca

## Product Classification

<b>Regional Availability</b>	Europe
<b>Portfolio</b>	CommScope®
<b>Product Type</b>	Fiber trunk cable assembly
<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>	0
<b>Construction Type</b>	Stranded
<b>Furcation Color</b>	Yellow
<b>Interface, Connector A</b>	MPO-08/APC Male
<b>Interface, Connector B</b>	Unterminated
<b>Jacket Color</b>	Yellow
<b>Polarity</b>	Method B Enhanced (ULL)
<b>Fibers per Subunit, quantity</b>	8
<b>Total Fibers, quantity</b>	8

## Dimensions

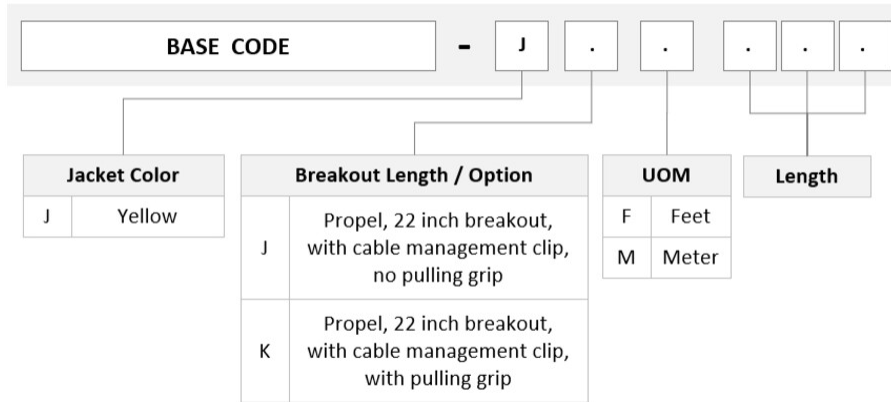
<b>Breakout Length</b>	22 in
<b>Cable Assembly Length Range (m)</b>	3 – 305

# U3GQXUCT8

Cable Assembly Length Range (ft)

10 – 999

## Ordering Tree



## Mechanical Specifications

**Cable Retention Strength, maximum**

11.24 lb @ 0 ° | 4.40 lb @ 90 °

## Optical Specifications

**Fiber Mode**

Singlemode

**Fiber Type**

G.657.A2, TeraSPEED®

## Environmental Specifications

**Operating Temperature**

-10 °C to +60 °C (+14 °F to +140 °F)

**EN50575 CPR Cable EuroClass Fire Performance**

B2ca

**Environmental Space**

Indoor | Low Smoke Zero Halogen (LSZH)

## Regulatory Compliance/Certifications

**Agency**

ANATEL

**Classification**

Compliant

ISO 9001:2015

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



## Included Products

# U3GQXUCT8

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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, ULL, typical</b>	0.35 dB
<b>Return Loss, minimum</b>	65 dB

## Packaging and Weights

**Packaging quantity**

1

## Regulatory Compliance/Certifications

**Agency**

**Classification**

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](http://www.commscope.com/ProductCompliance)

ROHS

Compliant

UK-ROHS

Compliant

