

# UGGRXRXYR

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Hybrid Ultra Low Loss (ULL) Singlemode G.657.A2 MPO16 (Pinned) to MPO16 (Pinned), 2 Pair 16AWG Constellation Trunk Cable Assembly, 16-Fiber, Plenum

## 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>	Hybrid cable assembly   2-pair
<b>Product Brand</b>	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>Conductor Capacitance</b>	75.459 pF/m   23 pF/ft
<b>Conductor Resistance</b>	14.698 ohms/km   4.48 ohms/kft
<b>Conductor Type</b>	16 AWG   Stranded
<b>Conductors, quantity</b>	4
<b>Conductor Pairs, quantity</b>	2
<b>Connector A, quantity</b>	1
<b>Color, boot A</b>	Black
<b>Color, connector A</b>	Green
<b>Connector B, quantity</b>	1
<b>Color, boot B</b>	Black
<b>Color, connector B</b>	Green
<b>Construction Type</b>	Hybrid standard trunk
<b>Furcation Color</b>	Yellow
<b>Interface, Connector A</b>	MPO-16/APC Male
<b>Interface, Connector B</b>	MPO-16/APC Male
<b>Jacket Color</b>	Yellow

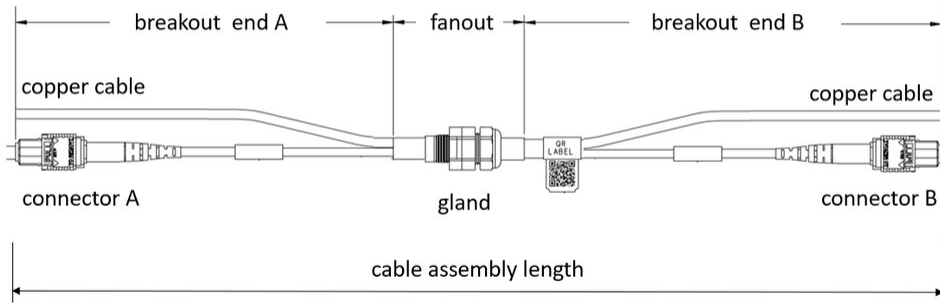
# UGGRXRXYR

<b>Polarity</b>	Method B Enhanced (ULL)
<b>Fibers per Subunit, quantity</b>	16
<b>Total Fibers, quantity</b>	16

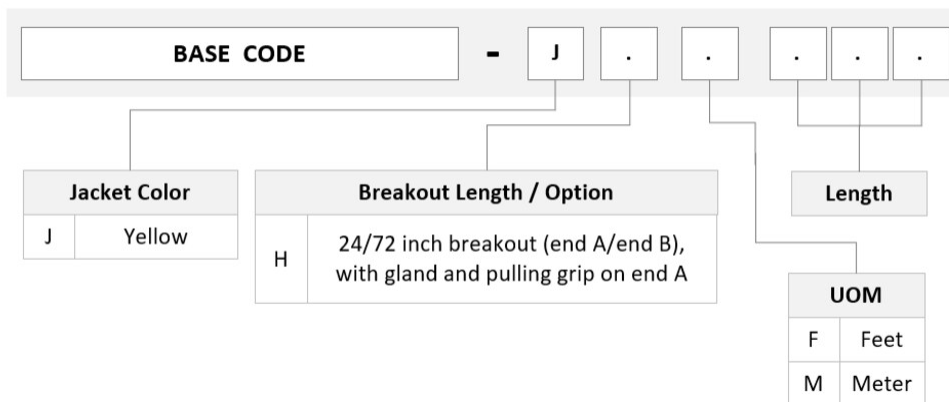
## Dimensions

<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®

## Environmental Specifications

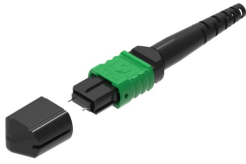
<b>Operating Temperature</b>	-10 °C to +60 °C (+14 °F to +140 °F)
<b>Environmental Space</b>	Indoor   Plenum
<b>Qualification Standards</b>	GR-3108 class 4

## Included Products

860661398	–	Fiber Optic Connector Kit, singlemode, OS2, MPO-16/APC, ULL, pinned, green, for 3 mm cable
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Fiber Optic Connector Kit, singlemode, OS2, MPO-16/APC, ULL, pinned, green, for 3 mm cable

## 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</b>	Green
<b>Color, boot</b>	Black
<b>Ferrule Geometry</b>	Angled
<b>Interface</b>	MPO/APC Male
<b>Interface Feature</b>	Pinned

## Dimensions

<b>Compatible Cable Diameter</b>	3 mm   0.118 in
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## Optical Specifications

<b>Fiber Mode</b>	Singlemode
<b>Fiber Type</b>	OS2
<b>Insertion Loss, maximum</b>	0.3 dB
<b>Return Loss, minimum</b>	65 dB

## Packaging and Weights

<b>Packaging quantity</b>	1
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## 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>

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ROHS  
UK-ROHS

Compliant  
Compliant

