UGGRXRXYR

Base Product

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

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	Black
Color, connector A	Green
Connector B, quantity	1
Color, boot B	Black
Color, connector B	Green
Construction Type	Hybrid standard trunk
Furcation Color	Yellow
Interface, Connector A	MPO-16/APC Male
Interface, Connector B	MPO-16/APC Male
Jacket Color	Yellow

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Polarity	Method B Enhanced (ULL)
Fibers per Subunit, quantity	16
Total Fibers, quantity	16

Dimensions

Breakout Length	24 in | 72 in
Cable Assembly Length Range (m)	10 – 999
Cable Assembly Length Range (ft)	33 – 999

Dimension Drawing
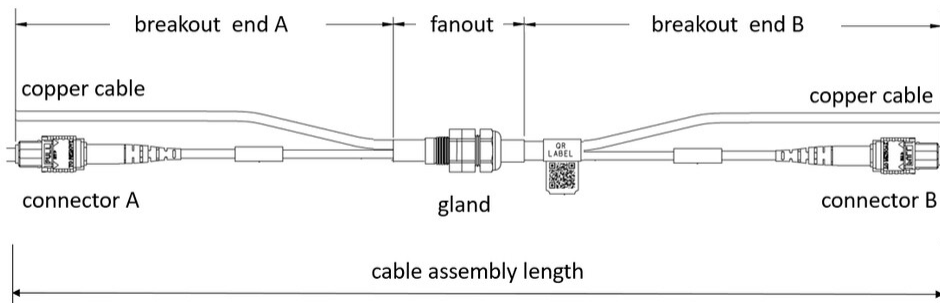
Ordering Tree
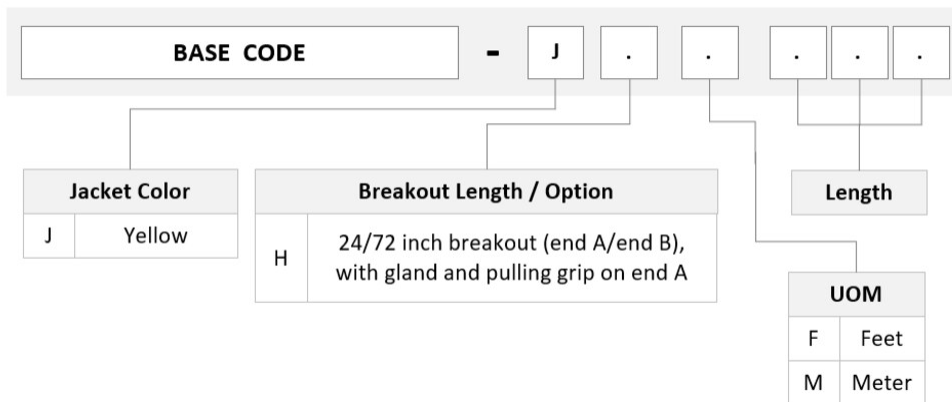
Mechanical Specifications

Cable Retention Strength, maximum	11.24 lb @ 0 ° | 4.40 lb @ 90 °

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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)
Environmental Space	Indoor | Plenum
Qualification Standards	GR-3108 class 4

Regulatory Compliance/Certifications

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

Included Products

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

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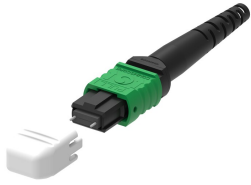
Fiber Optic Connector Kit, singlemode, OS2, MPO-16/APC, ULL, pinned, green, for 3 mm cable

Product Classification

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

General Specifications

Color	Green
Color, boot	Black
Ferrule Geometry	Angled
Interface	MPO/APC Male
Interface Feature	Pinned

Dimensions

Compatible Cable Diameter	3 mm | 0.118 in

Optical Specifications

Fiber Mode	Singlemode
Fiber Type	OS2
Insertion Loss, maximum	0.3 dB
Return Loss, minimum	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

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REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant

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