

UGGQXQXZ8

Base Product



Hybrid Ultra Low Loss (ULL) Singlemode G.657.A2 MPO8 (Pinned) to MPO8 (Pinned), 4 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 4-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	8
Conductor Pairs, quantity	4
Connector A, quantity	1
Color, boot A	Gray
Color, connector A	Green
Connector B, quantity	1
Color, boot B	Gray
Color, connector B	Green
Construction Type	Hybrid standard trunk
Furcation Color	Yellow
Interface, Connector A	MPO-08/APC Male
Interface, Connector B	MPO-08/APC Male
Jacket Color	Yellow

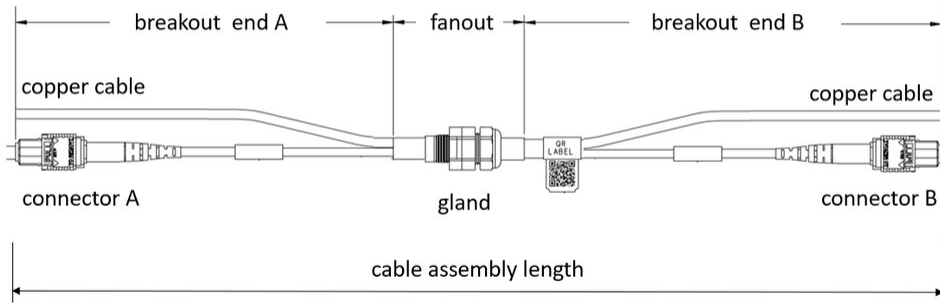
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Polarity	Method B Enhanced (ULL)
Fibers per Subunit, quantity	8
Total Fibers, quantity	8

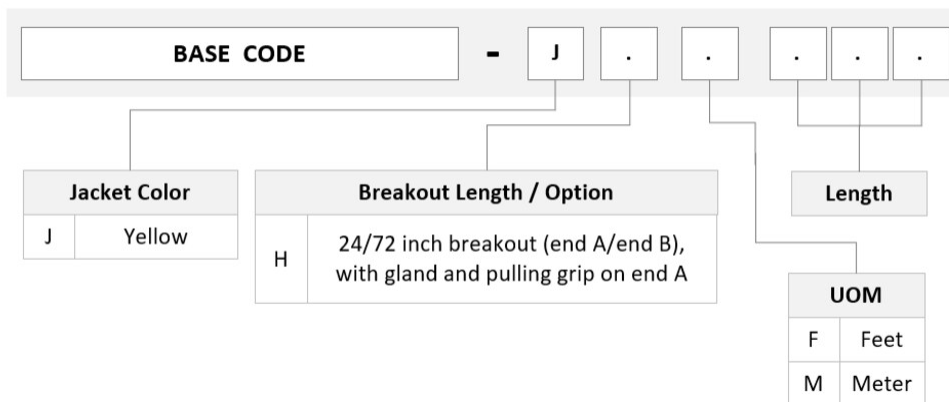
Dimensions

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

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



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

Product Classification

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

General Specifications

Color	Green
Color, boot	Black
Ferrule Geometry	Angled
Interface	MPO/APC Male
Interface Feature	Pinned
Total Fiber Count	8

Dimensions

Compatible Cable Diameter	2 mm 0.079 in
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Material Specifications

Ferrule Material	Polymer
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Optical Specifications

Fiber Mode	Singlemode
Fiber Type	G.657.A2
Optical Components Standard	ANSI/TIA-568-C.3
Insertion Loss, maximum	0.35 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
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant

