UGGQXQXY8

Hybrid Ultra Low Loss (ULL) Singlemode G.657.A2 MPO8 (Pinned) to MPO8 (Pinned) , 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	8
Conductor Pairs, quantity	2
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
Polarity	Method B Enhanced (ULL)

COMMSCOPE®

UGGQXQXY8

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
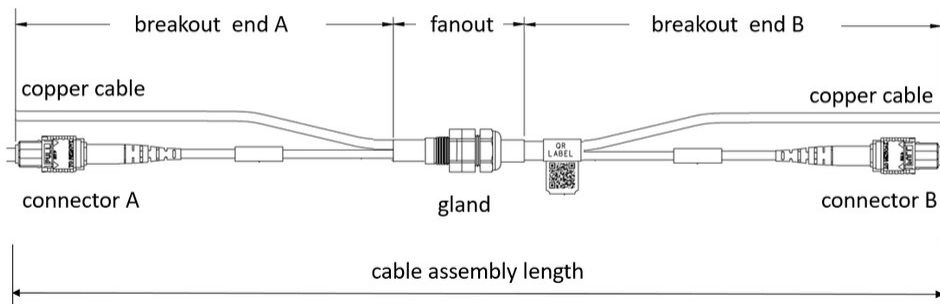
Ordering Tree
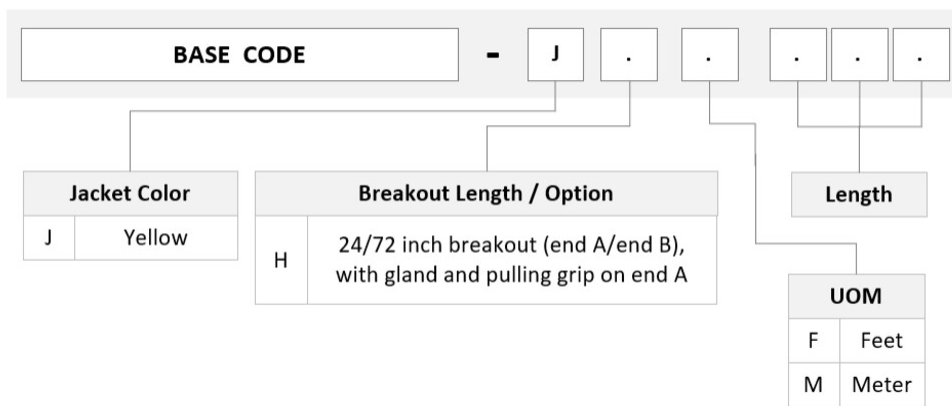
Mechanical Specifications

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

COMMSCOPE®

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

Included Products

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

COMMSCOPE®

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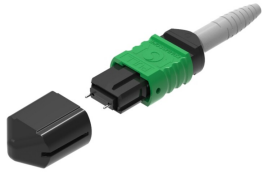
MPO-08, ULTRA LOW LOSS, MALE, Singlemode, GREEN, 2mm

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

Material Specifications

Ferrule Material	Polymer

Optical Specifications

Fiber Mode	Singlemode
Fiber Type	G.657.A2
Optical Components Standard	ANSI/TIA-568-C.3
Insertion Loss, ULL, typical	0.35 dB
Return Loss, minimum	65 dB

Packaging and Weights

COMMSCOPE®

860659022

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

COMMSCOPE®