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Base Product

Ultra Low Loss (ULL) Singlemode MPO12 (Pinned) to Unconnectorized Pre-terminated Trunk Cable, 48-Fiber, Rollable Ribbon, Low Smoke Zero Halogen (LSZH) 12 fiber

Product Classification

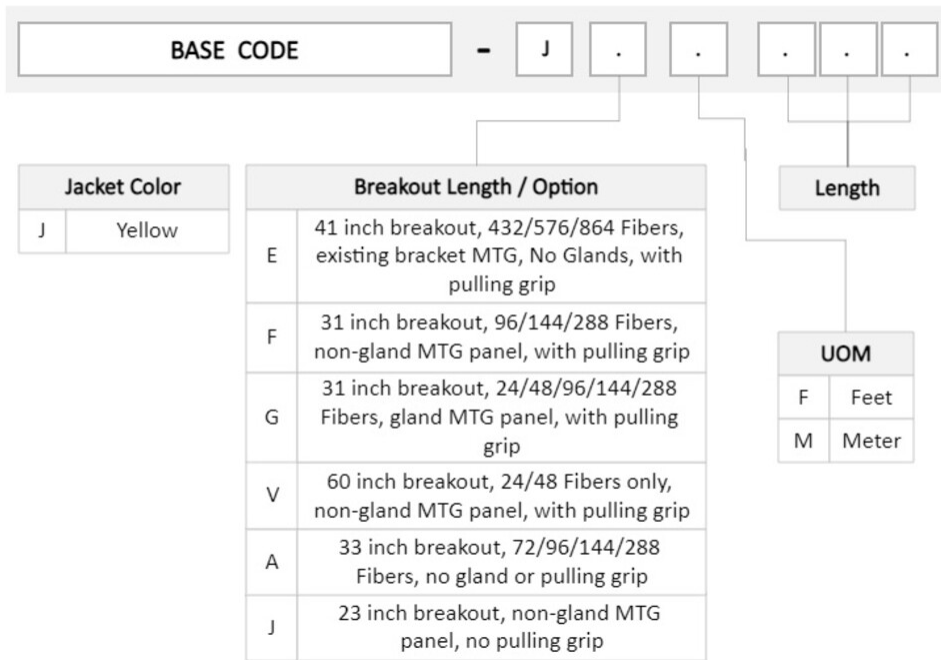|	
Regional Availability	Asia | Australia/New Zealand | Europe | Latin America | Middle East /Africa | North America
Portfolio	CommScope®
Product Type	Fiber trunk cable assembly
Product Brand	SYSTIMAX ULL
Ordering Note	For additional jacket colors, please contact a CommScope Sales Representative | For lengths greater than 999 ft (304 m), orders must be in meters | Minimum length may vary based on cable configuration

General Specifications

Color, boot A	Black
Color, connector A	Green
Construction Type	Rollable ribbon | Stranded
Furcation Color	Yellow
Interface, Connector A	MPO-12/APC Male
Interface, Connector B	Unterminated
Jacket Color	Yellow
Polarity	Method B Enhanced (ULL)
Fibers per Subunit, quantity	12
Total Fibers, quantity	48

Dimensions

Cable Assembly Length Range (m)	5 – 999
Cable Assembly Length Range (ft)	15 – 999

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Ordering Tree

BASE CODE	-	J	.	.	.	.	.

Jacket Color		Breakout Length / Option	
J	Yellow	E	41 inch breakout, 432/576/864 Fibers, existing bracket MTG, No Glands, with pulling grip
		F	31 inch breakout, 96/144/288 Fibers, non-gland MTG panel, with pulling grip
		G	31 inch breakout, 24/48/96/144/288 Fibers, gland MTG panel, with pulling grip
		V	60 inch breakout, 24/48 Fibers only, non-gland MTG panel, with pulling grip
		A	33 inch breakout, 72/96/144/288 Fibers, no gland or pulling grip
		J	23 inch breakout, non-gland MTG panel, no pulling grip

Length

UOM	
F	Feet
M	Meter

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	Low Smoke Zero Halogen (LSZH)

Included Products

860638317   –   MPO12, ULTRA LOW LOSS, MALE, Singlemode, GREEN, 3mm

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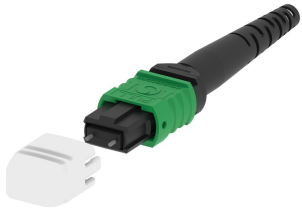
MPO12, ULTRA LOW LOSS, MALE, Singlemode, GREEN, 3mm

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	12

Dimensions

Length	60.1 mm | 2.366 in
Compatible Cable Diameter	3 mm | 0.118 in

Material Specifications

Ferrule Material	Polymer

Mechanical Specifications

Cable Retention Strength, maximum	11.24 lb @ 0 °
Mechanical Components Standard	IEC 61754-7

Optical Specifications

Fiber Mode	Singlemode
Fiber Type	G.652.D and G.657.A1, TeraSPEED® | OS2

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Insertion Loss Change, mating	0.3 dB
Optical Components Standard	ANSI/TIA-568-C.3
Insertion Loss Change, temperature	0.3 dB
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

* Footnotes

Insertion Loss Change, mating	TIA-568: Maximum insertion loss change after 500 matings
Insertion Loss Change, temperature	Maximum insertion loss change from -10 °C to +60 °C (+14 °F to +140 °F)

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