

AQGMYMWGD

Base Product

Ultra Low Loss (ULL) Singlemode MPO12 Push-Pull (Pinned) to MPO12 Push-Pull (Unpinned), Fiber Extension Cable Assembly, 12-Fiber, Plenum. Method A

Product Classification

Regional Availability	Asia Australia/New Zealand Europe Latin America Middle East /Africa North America
Portfolio	CommScope®
Product Type	Fiber array 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

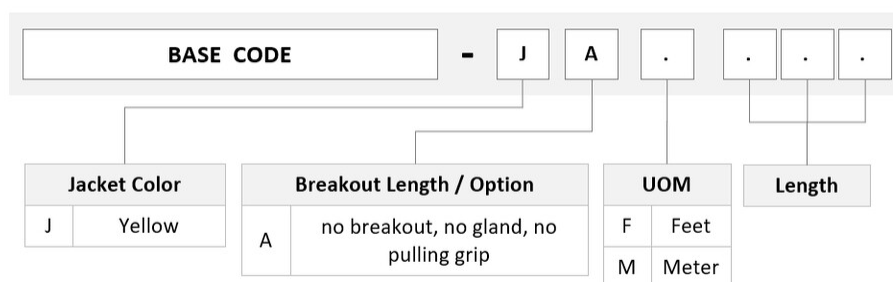
General Specifications

Color, boot A	Black
Color, connector A	Yellow
Color, boot B	Black
Color, connector B	Yellow
Construction Type	Stranded
Furcation Color	Yellow
Interface, Connector A	MPO-12/APC Male
Interface Body Style, connector A	Push-pull boot
Interface, Connector B	MPO-12/APC Female
Interface Body Style, connector B	Push-pull boot
Jacket Color	Yellow
Polarity	Method A
Fibers per Subunit, quantity	12
Total Fibers, quantity	12

Dimensions

Cable Assembly Length Range (m)	1 – 305
Cable Assembly Length Range (ft)	1 – 999

Ordering Tree



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

Fiber Mode	Singlemode
Fiber Type	G.657.A2, TeraSPEED®

Operating Temperature	-10 °C to +60 °C (+14 °F to +140 °F)
Environmental Space	Indoor Plenum

Agency	Classification
CHINA-ROHS	Above 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/Exempted
UK-ROHS	Compliant/Exempted



460202379	-	MPO8/12 ULL Male, Singlemode, Yellow, Push-Pull, 3mm
460202380	-	MPO8/12 ULL Female, Singlemode, Yellow, Push-Pull, 3mm
760237964	-	Fiber indoor cable, Plenum for MPO Light Duty Patchcords, 12 fiber, Singlemode G.657.A2/B2,

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P-012-MP-8G1-F30YL

Feet jacket marking, Yellow jacket color

MPO8/12 ULL Male, Singlemode, Yellow, Push-Pull, 3mm

Product Classification

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

General Specifications

Boot Style	Push-pull
Color	Yellow
Color, boot	Black
Ferrule Geometry	Angled
Interface	MPO/APC Male
Interface Feature	Pinned
Total Fiber Count	8

Dimensions

Length	54.3 mm 2.138 in
Compatible Cable Diameter	3 mm 0.118 in
Dimensional Standards	IEC 61754-7 TIA-604-5

Material Specifications

Ferrule Material	Polymer
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Mechanical Specifications

Cable Retention Strength, maximum	11.24 lb @ 0 °
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Optical Specifications

Fiber Mode	Singlemode
Fiber Type	G.652.D and G.657.A1, TeraSPEED® OS2
Insertion Loss Change, mating	0.15 dB
Optical Components Standard	ANSI/TIA-568-C.3
Insertion Loss Change, temperature	0.25 dB
Insertion Loss, maximum	0.25 dB

Return Loss, minimum 60 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)

MPO8/12 ULL Female, Singlemode, Yellow, Push-Pull, 3mm

Product Classification

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

General Specifications

Boot Style	Push-pull
Color	Yellow
Color, boot	Black
Ferrule Geometry	Angled
Interface	MPO/APC Female
Interface Feature	Unpinned
Total Fiber Count	12

Dimensions

Length	52.3 mm 2.059 in
Compatible Cable Diameter	3 mm 0.118 in

Material Specifications

Ferrule Material	Polymer
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Mechanical Specifications

Cable Retention Strength, maximum	11.24 lb @ 0 °
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Optical Specifications

Fiber Mode	Singlemode
Fiber Type	G.652.D and G.657.A1, TeraSPEED® OS2
Insertion Loss Change, mating	0.15 dB
Optical Components Standard	ANSI/TIA-568-C.3
Insertion Loss Change, temperature	0.25 dB
Insertion Loss, maximum	0.25 dB
Return Loss, minimum	60 dB

Packaging and Weights

Packaging quantity 1

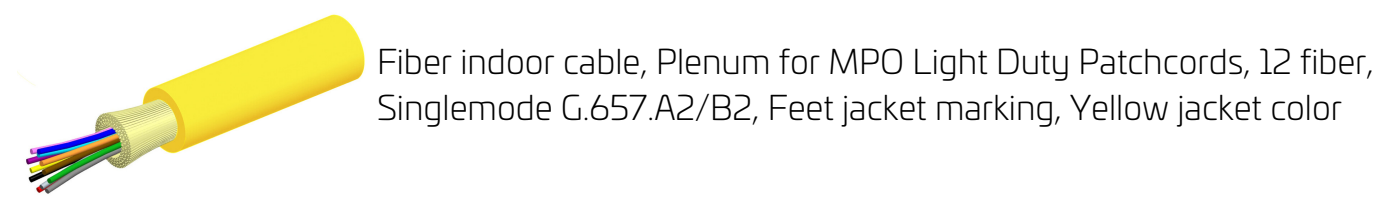
Regulatory Compliance/Certifications

Agency	Classification
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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)



Fiber indoor cable, Plenum for MPO Light Duty Patchcords, 12 fiber, Singlemode G.657.A2/B2, Feet jacket marking, Yellow jacket color

Product Classification

Regional Availability	Asia Australia/New Zealand Latin America Middle East/Africa North America
Portfolio	CommScope®
Product Type	Fiber indoor cable
Product Series	P-MP

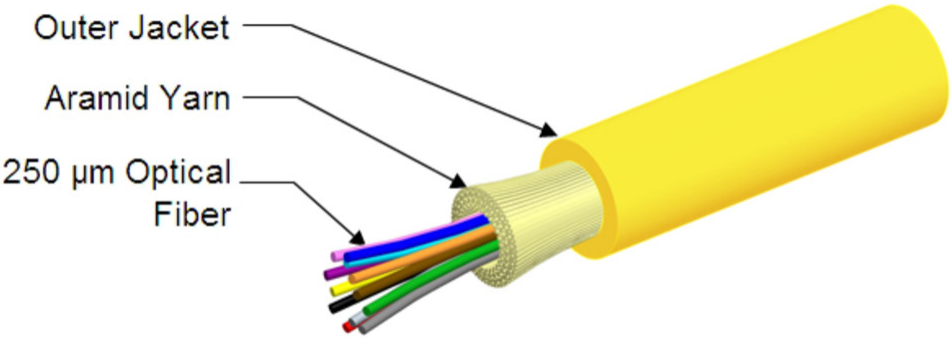
General Specifications

Cable Type	MPO trunk cable
Construction Type	Non-armored
Subunit Type	Gel-free
Jacket Color	Yellow
Jacket Marking	Feet
Total Fiber Count	12

Dimensions

Diameter Over Jacket	3 mm 0.118 in
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Representative Image



Mechanical Specifications

Minimum Bend Radius, loaded	45 mm 1.772 in
Minimum Bend Radius, unloaded	24 mm 0.945 in
Tensile Load, long term, maximum	100 N 22.481 lbf
Tensile Load, short term, maximum	334 N 75.086 lbf
Compression	4 N/mm 22.841 lb/in
Compression Test Method	FOTP-41 IEC 60794-1 E3
Flex	300 cycles
Flex Test Method	FOTP-104 IEC 60794-1 E6
Impact	0.74 N-m 6.55 in lb
Impact Test Method	FOTP-25 IEC 60794-1 E4
Strain	See long and short term tensile loads
Strain Test Method	FOTP-33 IEC 60794-1 E1
Twist	10 cycles
Twist Test Method	FOTP-85 IEC 60794-1 E7
Vertical Rise, maximum	500 m 1,640.42 ft

Optical Specifications

Fiber Type	G.657.A2/B2 G.657.A2/B2
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Environmental Specifications

Installation temperature	0 °C to +70 °C (+32 °F to +158 °F)
Operating Temperature	0 °C to +70 °C (+32 °F to +158 °F)
Storage Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Cable Qualification Standards	ANSI/ICEA S-83-596 Telcordia GR-409
Environmental Space	Plenum
Flame Test Listing	NEC OFNP (ETL) and c(ETL)
Flame Test Method	NFPA 130 NFPA 262

Environmental Test Specifications

Heat Age	0 °C to +85 °C (+32 °F to +185 °F)
Heat Age Test Method	IEC 60794-1 F9
Low High Bend	0 °C to +70 °C (+32 °F to +158 °F)

Low High Bend Test Method	FOTP-37 IEC 60794-1 E11
Temperature Cycle	0 °C to +70 °C (+32 °F to +158 °F)
Temperature Cycle Test Method	FOTP-3 IEC 60794-1 F1

Packaging and Weights

Cable weight	9 kg/km 6.048 lb/kft
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Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
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* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable