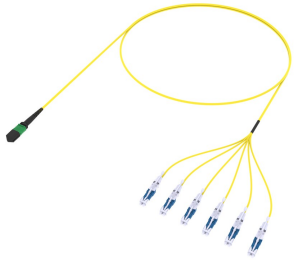


ARGMXCSGD



Singlemode MPO12 (pinned) to CS/UPC 12-Fiber Low Smoke Zero Halogen Array Cord

Product Classification

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

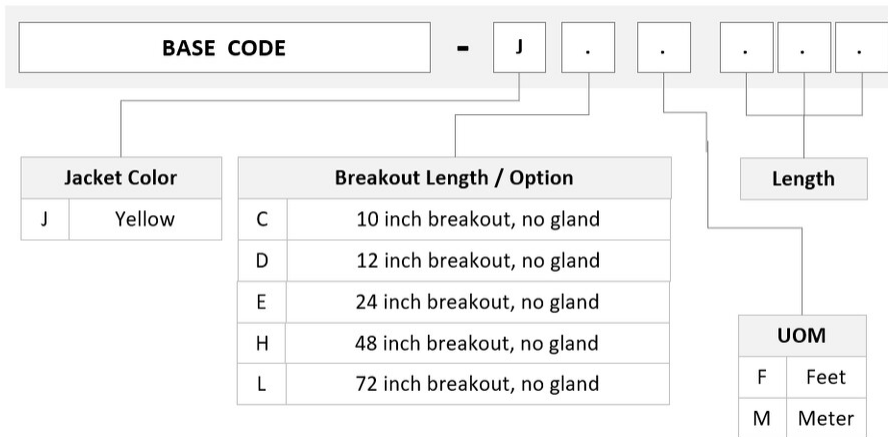
Color, boot A	Black
Color, boot B	Blue
Color, connector A	Green
Color, connector B	Blue
Construction Type	Stranded
Fibers per Subunit, quantity	12
Furcation Color	Yellow
Interface, Connector A	MPO-12/APC Male
Interface, Connector B	CS/UPC
Jacket Color	Yellow
Polarity	Method A
Total Fibers, quantity	12

Dimensions

Breakout Length	10 in 12 in
Cable Assembly Length Range (m)	1 – 305
Cable Assembly Length Range (ft)	10 – 999

ARGMXCSGD

Ordering Tree



Mechanical Specifications

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

Optical Specifications

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

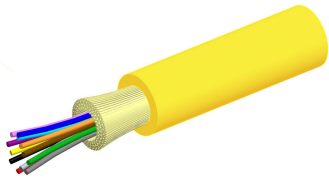
Environmental Specifications

Operating Temperature -10 °C to +60 °C (+14 °F to +140 °F)
Environmental Space Indoor | Low Smoke Zero Halogen (LSZH)

Included Products

- 760237972 N-012-MP-8G1-F30YL/D - Fiber Indoor Cable, Low Smoke Zero Halogen Riser Light Duty MPO Patchcord Cable, 12 fiber, gel-free, singlemode G.657.A2/B2, feet jacket marking, yellow cable jacket color, Dca Flame Rating
- 860659010 - MPO-12, ULTRA LOW LOSS, MALE, Singlemode, GREEN, 2mm

760237972 | N-012-MP-8G1-F30YL/D



Fiber Indoor Cable, Low Smoke Zero Halogen Riser Light Duty MPO Patchcord Cable, 12 fiber, gel-free, singlemode G.657.A2/B2, feet jacket marking, yellow cable jacket color, Dca Flame Rating

Product Classification

Regional Availability	Asia Australia/New Zealand EMEA Latin America North America
Portfolio	CommScope®
Product Type	Fiber indoor cable
Product Series	N-MP

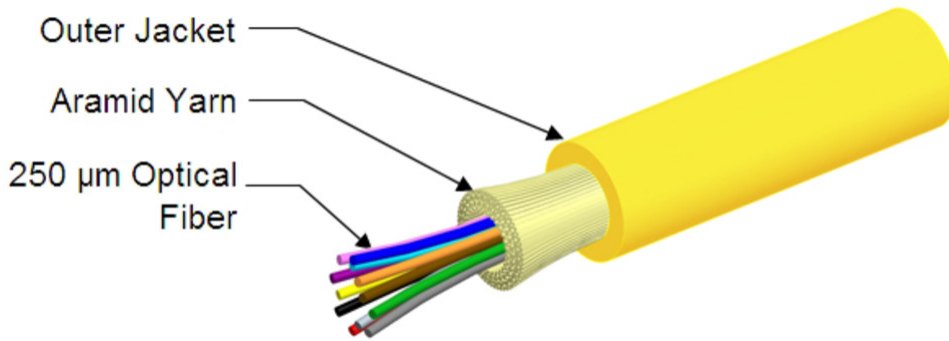
General Specifications

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

Dimensions

Diameter Over Jacket	3 mm 0.118 in
-----------------------------	-----------------

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
-------------------	---------------------------

Environmental Specifications

Installation temperature	0 °C to +60 °C (+32 °F to +140 °F)
Operating Temperature	0 °C to +70 °C (+32 °F to +158 °F)

760237972 | N-012-MP-8G1-F30YL/D

Storage Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Cable Qualification Standards	ANSI/ICEA S-83-596 Telcordia GR-409
EN50575 CPR Cable EuroClass Fire Performance	Dca
EN50575 CPR Cable EuroClass Smoke Rating	s1a
EN50575 CPR Cable EuroClass Droplets Rating	d1
EN50575 CPR Cable EuroClass Acidity Rating	a1
Environmental Space	Low Smoke Zero Halogen (LSZH) Riser
Flame Test Listing	NEC OFNR-ST1 (ETL) and c(ETL)
Flame Test Method	IEC 60332-3 IEC 60754-2 IEC 61034-2 IEEE 383 UL 1666 UL 1685

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	8.5 kg/km 5.712 lb/kft
---------------------	--------------------------

Regulatory Compliance/Certifications

Agency	Classification
CENELEC	EN 50575 compliant, Declaration of Performance (DoP) available
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



* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

860659010



MPO-12, 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	12

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

860659010

Packaging and Weights

Packaging quantity 1