UHGMXUCCN
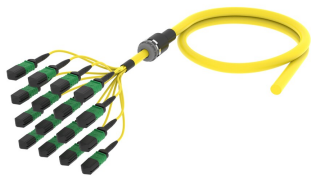
Base Product

Singlemode MPO12 APC (pinned) to Unconnectorized Fiber Trunk Cable Assembly, 192-Fiber, Armored Indoor Plenum

Product Classification

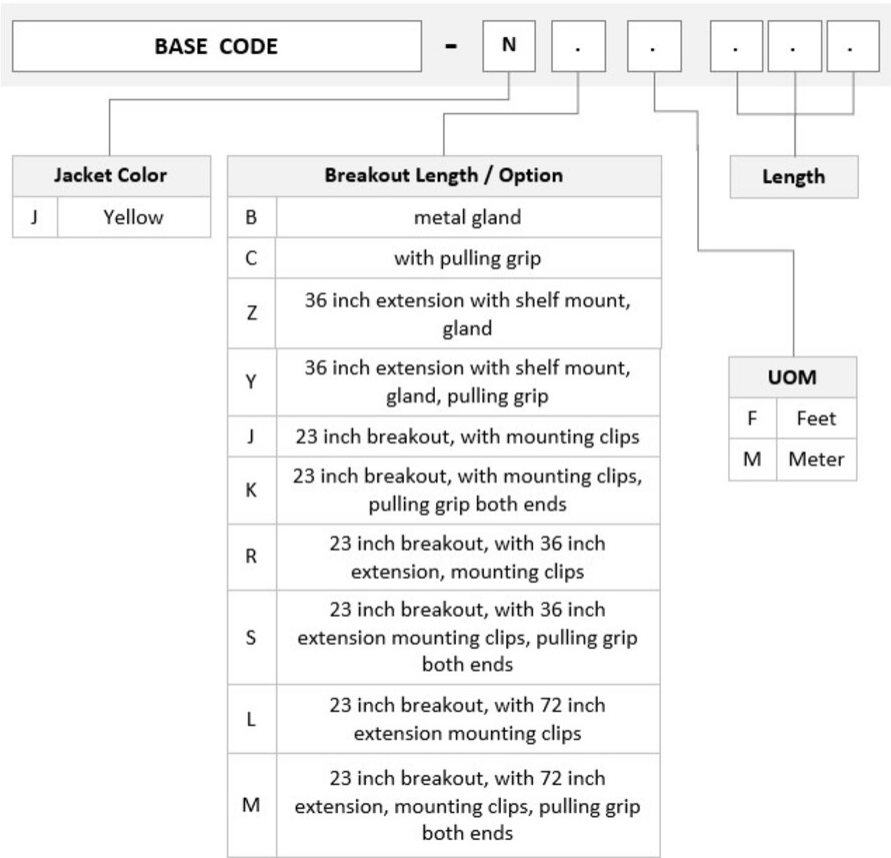|	
Regional Availability	Asia	Australia/New Zealand	China	Europe	India	Latin America	Middle East/Africa	North America
Portfolio	CommScope®
Product Type	Fiber trunk cable assembly
Product Brand	Propel	SYSTIMAX ULL
Ordering Note	For additional jacket colors, please contact a CommScope Sales Representative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

General Specifications

Connector A, quantity	16
Color, boot A	Black
Color, connector A	Green
Connector B, quantity	0
Construction Type	Armored	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	192

Dimensions

Breakout Length	22 in
Cable Assembly Length Range (m)	3 – 305
Cable Assembly Length Range (ft)	10 – 999

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Ordering Tree

BASE CODE	-	N	.	.	.	.	.

Jacket Color			Breakout Length / Option	
J	Yellow	B	metal gland	
		C	with pulling grip	
		Z	36 inch extension with shelf mount, gland	
		Y	36 inch extension with shelf mount, gland, pulling grip	
		J	23 inch breakout, with mounting clips	
		K	23 inch breakout, with mounting clips, pulling grip both ends	
		R	23 inch breakout, with 36 inch extension, mounting clips	
		S	23 inch breakout, with 36 inch extension mounting clips, pulling grip both ends	
		L	23 inch breakout, with 72 inch extension mounting clips	
		M	23 inch breakout, with 72 inch extension, mounting clips, pulling grip both ends	

Length

UOM	
F	Feet
M	Meter

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 | Plenum

Regulatory Compliance/Certifications

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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

Included Products

760256092 P-192-MZ-8G1-F12YL/20T	–	Fiber indoor cable, Plenum MPO Trunk, interlocking aluminum armored with plenum jacket, 192 fiber multi-unit with 12 fiber subunits, Singlemode G.657.A2/B2, Feet jacket marking, Yellow jacket color
860659010	–	MPO-12, ULTRA LOW LOSS, MALE, Singlemode, GREEN, 2mm
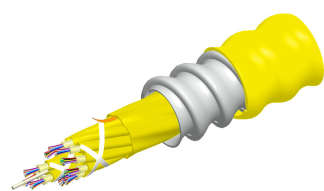
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760256092 | P-192-MZ-8G1-F12YL/20T

Fiber indoor cable, Plenum MPO Trunk, interlocking aluminum armored with plenum jacket, 192 fiber multi-unit with 12 fiber subunits, 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-MZ

General Specifications

Armor Type	Interlocking aluminum
Cable Type	MPO trunk cable
Construction Type	Armored
Subunit Type	Gel-free
Filler, quantity	2
Jacket Color	Yellow
Jacket Marking	Feet
Subunit, quantity	16
Fibers per Subunit, quantity	12
Total Fiber Count	192

Dimensions

Buffer Tube/Subunit Diameter	2 mm | 0.079 in
Diameter Over Armor	18.4 mm | 0.724 in
Diameter Over Jacket	20.5 mm | 0.807 in

Representative Image

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Outer Jacket
Interlocking Aluminum Armor
Internal Plenum Loose Tube Cordage Cable
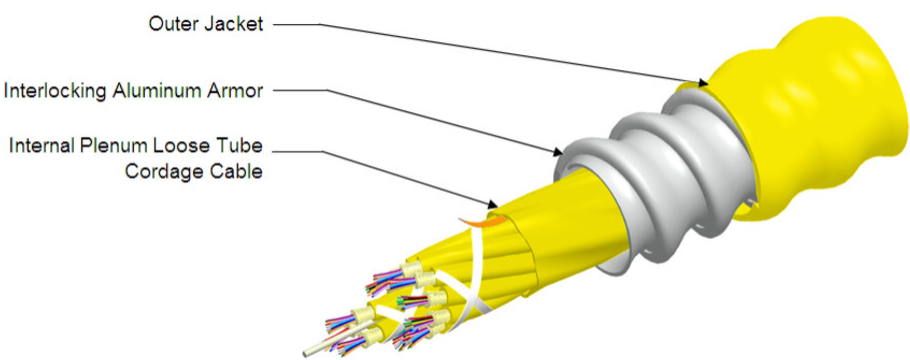
Mechanical Specifications

Minimum Bend Radius, loaded	307 mm | 12.087 in
Minimum Bend Radius, unloaded	205 mm | 8.071 in
Tensile Load, long term, maximum	200 N | 44.962 lbf
Tensile Load, short term, maximum	667 N | 149.948 lbf
Compression	85 N/mm | 485.363 lb/in
Compression Test Method	FOTP-41 | IEC 60794-1 E3
Flex	25 cycles
Flex Test Method	FOTP-104 | IEC 60794-1 E6
Impact	35 N-m | 309.776 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	45 m | 147.638 ft

Optical Specifications

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

Environmental Specifications

Installation temperature	0 °C to +70 °C (+32 °F to +158 °F)

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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 OFCP (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	375 kg/km	251.988 lb/kft

* Footnotes

Operating Temperature   Specification applicable to non-terminated bulk fiber cable

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860659010
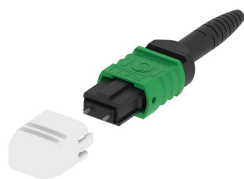
MPO-12, ULTRA LOW LOSS, MALE, Singlemode, GREEN, 2mm

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, maximum	0.35 dB
Return Loss, minimum	65 dB

Packaging and Weights

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Packaging quantity 1

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