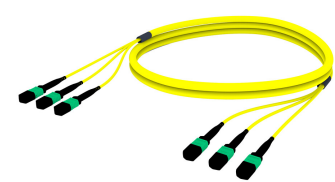


# FGWMPMPAG

Base Product



Singlemode MPO (Unpinned) to MPO (Unpinned), InstaPATCH® 360  
Pre-terminated Trunk Cable, 36-Fiber, 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	SYSTIMAX InstaPATCH® 360
Ordering Note	For lengths greater than 999 ft (304 m), orders must be in meters   Minimum length may vary based on cable configuration

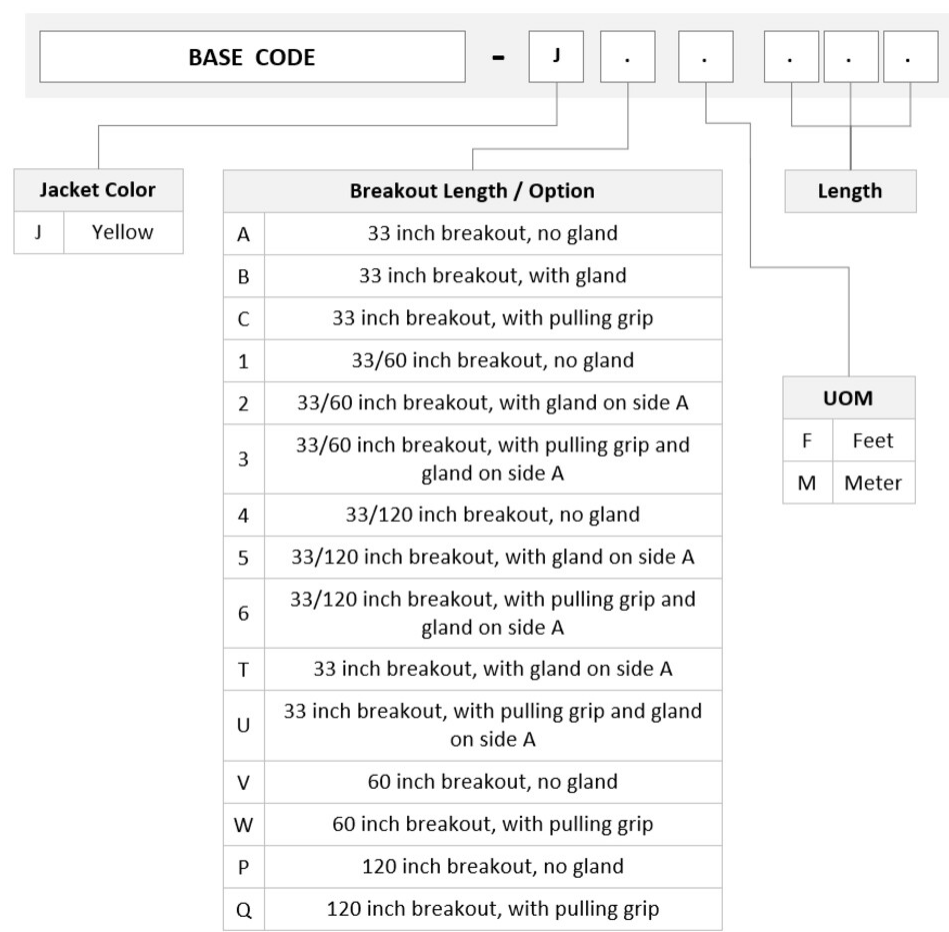
## General Specifications

Color, boot A	Black
Color, connector A	Green
Color, boot B	Black
Color, connector B	Green
Construction Type	Stranded
Furcation Color	Yellow
Interface, Connector A	MPO-12/APC Female
Interface, Connector B	MPO-12/APC Female
Jacket Color	Yellow
Polarity	Method B (LL)
Fibers per Subunit, quantity	12
Total Fibers, quantity	36

## Dimensions

Breakout Length	33 in
Cable Assembly Length Range (m)	3 – 999
Cable Assembly Length Range (ft)	10 – 999

Ordering Tree



Mechanical Specifications

Cable Retention Strength, maximum11.24 lb @ 0 ° | 4.40 lb @ 90 °

Optical Specifications

Fiber ModeSinglemode  
Fiber TypeG.652.D | G.657.A1, TeraSPEED®

Environmental Specifications

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

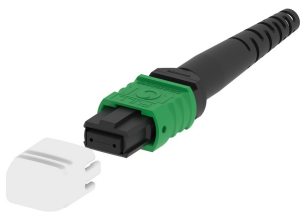
## Regulatory Compliance/Certifications

Agency	Classification
ANATEL	Compliant
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 <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant
UK-ROHS	Compliant



## Included Products

860366137	-	MPO12, LOW LOSS, FEMALE, Singlemode, GREEN, 3mm
P-036-MP-8W-F12	-	Fiber indoor cable, TeraSPEED® Plenum MPO Trunk, 36 fiber multi-unit with 12 fiber subunits, Singlemode G.652.D and G.657.A1, Gel-free, Feet jacket marking



MPO12, LOW LOSS, FEMALE, 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 Female
Interface Feature	Unpinned
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 °
-----------------------------------	----------------

Optical Specifications

Fiber Mode	Singlemode
Fiber Type	G.652.D and G.657.A1, TeraSPEED®   OS2
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	0.67 dB
Return Loss, minimum	55 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 <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
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)

# P-036-MP-8W-F12

Fiber indoor cable, TeraSPEED® Plenum MPO Trunk, 36 fiber multi-unit with 12 fiber subunits, Singlemode G.652.D and G.657.A1, Gel-free, Feet jacket marking

## 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

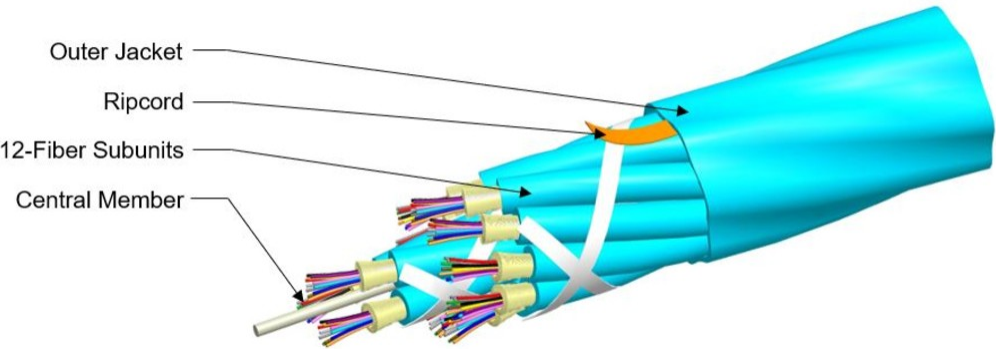
## General Specifications

Cable Type	MPO trunk cable
Construction Type	Non-armored
Subunit Type	Gel-free
Jacket Marking	Feet
Subunit, quantity	3
Fibers per Subunit, quantity	12
Total Fiber Count	36

## Dimensions

Buffer Tube/Subunit Diameter	3 mm   0.118 in
Diameter Over Jacket	9.1 mm   0.358 in

## Representative Image



# P-036-MP-8W-F12

## Mechanical Specifications

Minimum Bend Radius, loaded	136 mm   5.354 in
Minimum Bend Radius, unloaded	91 mm   3.583 in
Tensile Load, long term, maximum	400 N   89.924 lbf
Tensile Load, short term, maximum	1335 N   300.12 lbf
Compression	10 N/mm   57.101 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.652.D and G.657.A1, TeraSPEED®   OS2   OS2
------------	--

## 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 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)

# P-036-MP-8W-F12

---

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	75 kg/km   50.398 lb/kft
--------------	--------------------------

## Regulatory Compliance/Certifications

Agency	Classification
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system

### \* Footnotes

**Operating Temperature** Specification applicable to non-terminated bulk fiber cable