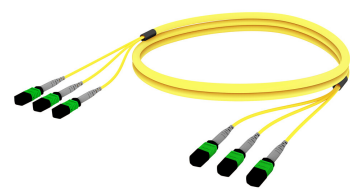


# ULGQXQXBF

Base Product



Ultra Low Loss (ULL) Singlemode MPO8 (Pinned) to MPO8 (Pinned), Ruggedized fanout Cable, 24-Fiber, Plenum

## Product Classification

Regional Availability	Asia   Australia/New Zealand   Europe   Latin America   Middle East /Africa   North America
Portfolio	CommScope®
Product Type	Ruggedized fanout
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	Gray
Color, connector A	Green
Color, boot B	Gray
Color, connector B	Green
Construction Type	Stranded
Furcation Color	Yellow
Interface, Connector A	MPO-08/APC Male
Interface Feature, connector A	QSFP configuration
Interface, Connector B	MPO-08/APC Male
Interface Feature, connector B	QSFP configuration
Jacket Color	Yellow
Polarity	Method B Enhanced (ULL)
Fibers per Subunit, quantity	8
Total Fibers, quantity	24

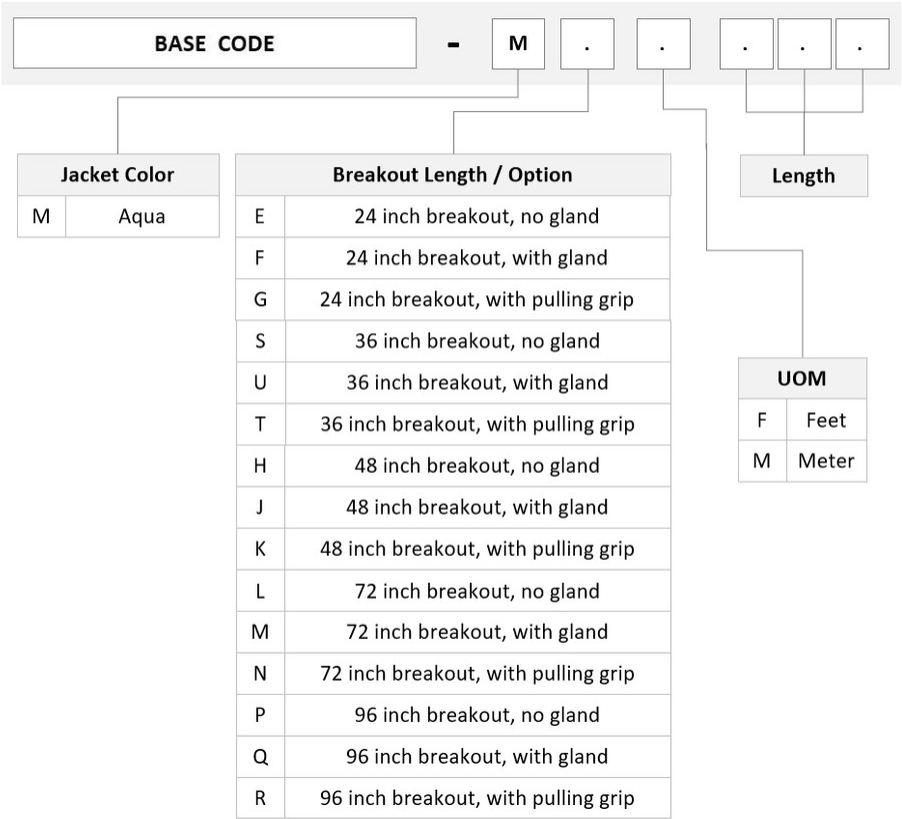
## Dimensions

Breakout Length	33 in
-----------------	-------

# ULGQXQXBF

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

## 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	Plenum

# ULGQXQXBF

## Regulatory Compliance/Certifications

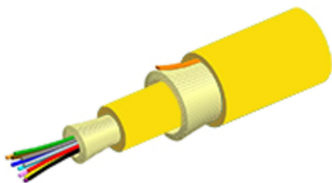
Agency	Classification
ANATEL	Compliant
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system



## Included Products

760260235	-	Fiber indoor cable, Plenum MPO Trunk Cable, 24 fiber with 24-fiber, 3.0mm subunit, Gel-free,
P-024-MP-8G1-F24YL/30T		Singlemode G.657.A2/B2, Feet jacket marking, Yellow jacket color
860637705	-	MPO8, ULTRA LOW LOSS, MALE, Singlemode, GREEN, 3mm

# 760260235 | P-024-MP-8G1-F24YL/30T



Fiber indoor cable, Plenum MPO Trunk Cable, 24 fiber with 24-fiber, 3.0 mm subunit, Gel-free, 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

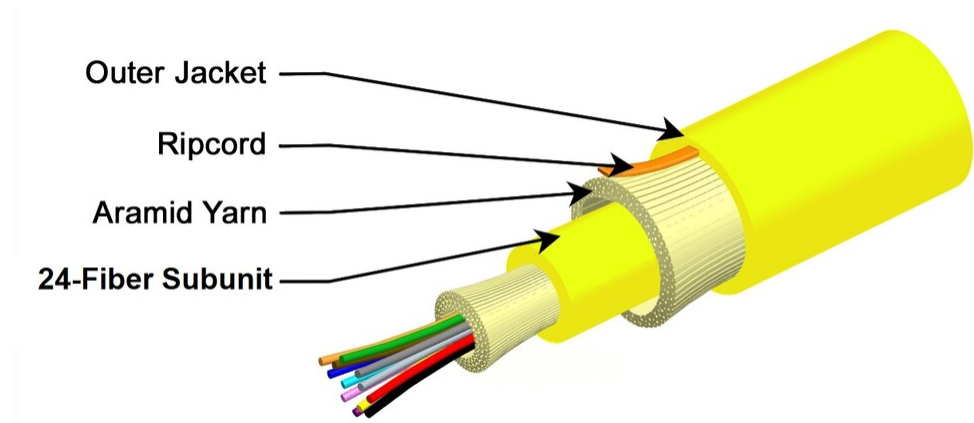
## General Specifications

Cable Type	MPO trunk cable
Construction Type	Non-armored
Subunit Type	Gel-free
Jacket Color	Yellow
Jacket Marking	Feet
Subunit, quantity	1
Fibers per Subunit, quantity	24
Total Fiber Count	24

## Dimensions

Buffer Tube/Subunit Diameter	3 mm   0.118 in
Diameter Over Jacket	6.2 mm   0.244 in

## Representative Image



Mechanical Specifications

Minimum Bend Radius, loaded	94 mm   3.701 in
Minimum Bend Radius, unloaded	70 mm   2.756 in
Tensile Load, long term, maximum	200 N   44.962 lbf
Tensile Load, short term, maximum	667 N   149.948 lbf
Compression	10 N/mm   57.101 lb/in
Compression Test Method	FOTP-41   IEC 60794-1 E3
Flex	25 cycles
Flex Test Method	FOTP-104   IEC 60794-1 E6
Impact	2.94 N-m   26.021 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	450 m   1,476.378 ft

Optical Specifications

Fiber Type	G.657.A2/B2
------------	-------------

Environmental Specifications

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

# 760260235 | P-024-MP-8G1-F24YL/30T

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

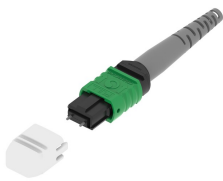
Low High Bend	0 °C to +70 °C (+32 °F to +158 °F)
Low High Bend Test Method	FOTP-37   IEC 60794-1 E11
Temperature Cycle	0 °C to +70 °C (+32 °F to +158 °F)
Temperature Cycle Test Method	FOTP-3   IEC 60794-1 F1

## Packaging and Weights

Cable weight	45 kg/km   30.239 lb/kft
--------------	--------------------------

### \* Footnotes

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



MPO8, 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	Gray
Ferrule Geometry	Angled
Interface	MPO/APC Male
Interface Feature	Unpinned
Total Fiber Count	8

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	0.35 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 <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)