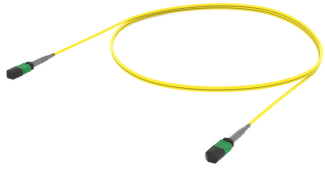# AQGQPQPF8

Base Product

Ultra Low Loss (ULL) Singlemode MPO8 (Non-Pinned) to MPO8 (Non-Pinned), Fiber Array Cable Assembly, 8-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 array 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	1
Color, boot A	Gray
Color, connector A	Green
Connector B, quantity	1
Color, boot B	Gray
Color, connector B	Aqua
Construction Type	Stranded
Furcation Color	Yellow
Interface, Connector A	MPO-08/APC Female
Interface, Connector B	MPO-08/APC Female
Jacket Color	Yellow
Polarity	Method A
Fibers per Subunit, quantity	8
Total Fibers, quantity	8

Dimensions

Cable Assembly Length Range (m)	1 – 305

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AQGQPQPF8

Cable Assembly Length Range (ft)   3 − 999

Ordering Tree

BASE CODE	-	J	A	.	.	.	.

Jacket Color		Breakout Length / Option		UOM		Length
J	Yellow	A	no breakout, no gland, no pulling grip	F	Feet	
				M	Meter	
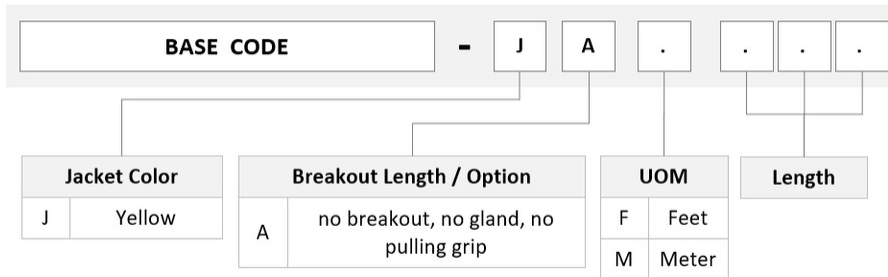
Mechanical Specifications

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

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

ANATEL

Included Products

760248402 P-008-MP-8G1-F20YL	–	Fiber indoor cable, TeraSPEED® Plenum for Light Duty MPO Patchcords, 8 fiber, Singlemode G.657.A2/B2, Feet jacket marking, Yellow jacket color
860659028	–	MPO-08, ULTRA LOW LOSS, FEMALE, Singlemode, GREEN, 2mm
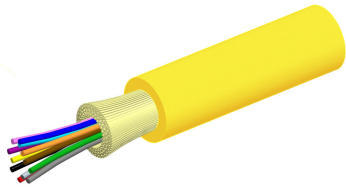
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760248402 | P-008-MP-8G1-F20YL

Fiber indoor cable, TeraSPEED® Plenum for Light Duty MPO Patchcords, 8 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	8

Dimensions

Diameter Over Jacket	2 mm	0.079 in

Representative Image

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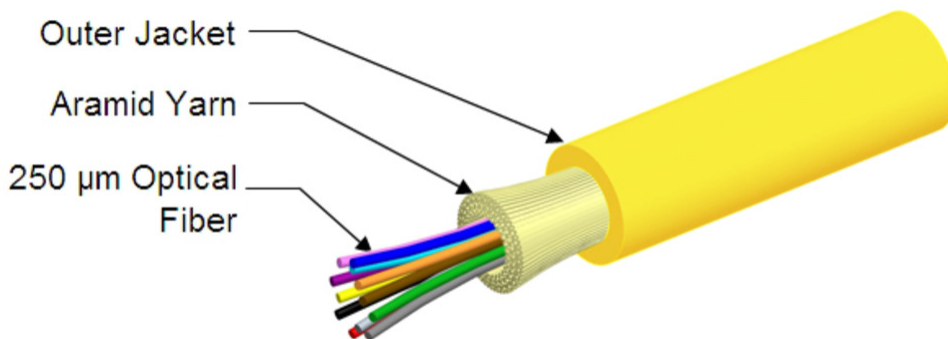
Mechanical Specifications

Minimum Bend Radius, loaded	38 mm	1.496 in
Minimum Bend Radius, unloaded	16 mm	0.63 in
Tensile Load, long term, maximum	33 N	7.419 lbf
Tensile Load, short term, maximum	111 N	24.954 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 +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)

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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	4.3 kg/km	2.889 lb/kft

* Footnotes

Operating Temperature   Specification applicable to non-terminated bulk fiber cable

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MPO-08, ULTRA LOW LOSS, FEMALE, 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 Female
Interface Feature	Unpinned
Total Fiber Count	8

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, maximum	0.35 dB
Return Loss, minimum	65 dB

Packaging and Weights

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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

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