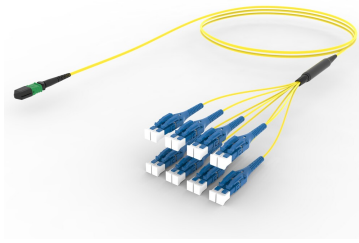


UQGRPLU7R

Base Product



Ultra Low Loss (ULL) Singlemode G.657.A2 MPO16 UPC (Non-Pinned) to LC Uniboot UPC, Fiber Array Cable Assembly, 16-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

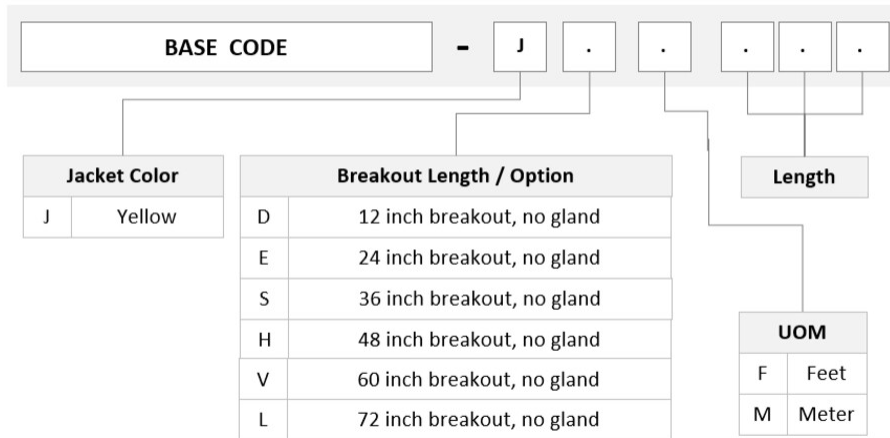
Connector A, quantity	1
Color, boot A	Black
Color, connector A	Green
Connector B, quantity	16
Color, boot B	Blue
Color, connector B	Black
Construction Type	Stranded
Furcation Color	Yellow
Interface, Connector A	MPO-16/APC Female
Interface, Connector B	LC/UPC
Interface Feature, connector B	Uniboot
Jacket Color	Yellow
Polarity	Method B Enhanced (ULL)
Fibers per Subunit, quantity	16
Total Fibers, quantity	16

UQGRPLU7R

Dimensions

Breakout Length	12 in 24 in 36 in 48 in 60 in 72 in
Cable Assembly Length Range (m)	1 – 304
Cable Assembly Length Range (ft)	2 – 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	Indoor Plenum

Regulatory Compliance/Certifications

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

Included Products

UQGRPLU7R

- 760249691
P-016-MP-8G1-F30YL - Fiber indoor cable, Plenum MPO Light Duty for Patchcords, 16 fiber, Singlemode G.657.A2/B2, Feet jacket marking, Yellow jacket color
- 860650412 - TeraSPEED® LC UniBoot 2.0MM UPC/LC UNIBOOT CONNECTOR KIT

760249691 | P-016-MP-8G1-F30YL



Fiber indoor cable, Plenum MPO Light Duty for Patchcords, 16 fiber, Singlemode G.657.A2/B2, Feet jacket marking, Yellow jacket color

Product Classification

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

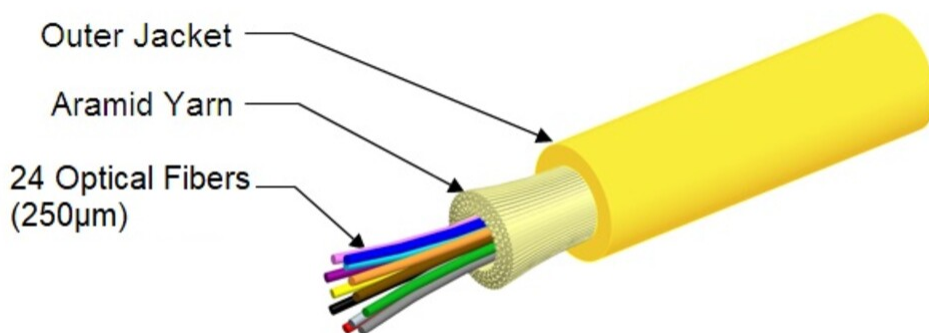
General Specifications

Cable Type	MPO trunk cable
Construction Type	Non-armored
Subunit Type	Gel-free
Jacket Color	Yellow
Jacket Marking	Feet
Total Fiber Count	16

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	80 N 17.985 lbf
Tensile Load, short term, maximum	267 N 60.024 lbf
Compression	3.5 N/mm 19.986 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 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 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)

760249691 | P-016-MP-8G1-F30YL

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	9.3 kg/km 6.249 lb/kft
---------------------	--------------------------

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

TeraSPEED® LC UniBoot 2.0MM UPC/LC UNIBOOT CONNECTOR KIT

Product Classification

Regional Availability	Asia Australia/New Zealand EMEA Latin America North America
Portfolio	CommScope®
Product Type	Fiber connector
Product Brand	SYSTIMAX ULL TeraSPEED®
Product Series	Uniboot

General Specifications

Body Style	Duplex
Color	Blue
Interface	LC/UPC
Interface Feature	Uniboot

Dimensions

Compatible Cable Diameter	2 mm 0.079 in
----------------------------------	-----------------

Material Specifications

Ferrule Material	Zirconia
-------------------------	----------

Mechanical Specifications

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

Optical Specifications

Fiber Mode	Singlemode
Fiber Type	G.652.D G.657.A2 OS2
Insertion Loss Change, mating	0.25 dB
Optical Components Standard	ANSI/TIA-568-C.3
Insertion Loss, ULL, maximum	0.25 dB
Return Loss, minimum	50 dB

Packaging and Weights

Packaging quantity

1

Regulatory Compliance/Certifications

Agency

Classification

CHINA-ROHS

Above maximum concentration value

ISO 9001:2015

Designed, manufactured and/or distributed under this quality management system

ROHS

Compliant/Exempted

UK-ROHS

Compliant/Exempted



* Footnotes

Insertion Loss Change, mating TIA-568: Maximum insertion loss change after 500 matings