UJGRXUC8R

Base Product



Ultra Low Loss (ULL) Singlemode G.657.A2 MPO16 (Pinned) to Unconnectorized, Fiber Trunk Cable Assembly, 16-Fiber, Dual Rated (OFNR/LSZH)

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

I	
Connector A, quantity	1
Color, boot A	Black
Color, connector A	Green
Connector B, quantity	0
Construction Type	Stranded
Furcation Color	Yellow
Interface, Connector A	MPO-16/APC Male
Interface, Connector B	Unterminated
Jacket Color	Yellow
Polarity	Method B Enhanced (ULL)
Fibers per Subunit, quantity	16
Total Fibers, quantity	16
Dimensions	
Breakout Length	22 in
Cable Assembly Length Range (m)	3 - 305
Cable Assembly Length Range (ft)	10 – 999

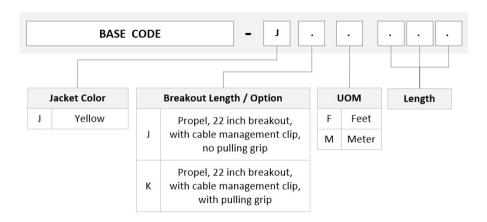
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UJGRXUC8R

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	Dual Rated LSZH/Riser Indoor

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



Included Products

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COMMSCOPE°

UJGRXUC8R

760251073 N-016-MP-8G1-F16YL/30T/B2	-	Fiber indoor cable, TeraSPEED® Low Smoke Zero Halogen Riser MPO Trunk, 16-fiber, 3.0 mm subunits, Singlemode G.657.A2/B2, Feet jacket marking, Yellow jacket color, B2ca flame rating
860661398	-	Fiber Optic Connector Kit, singlemode, OS2, MPO-16/APC, ULL, pinned, green, for 3 mm cable

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760251073 | N-016-MP-8G1-F16YL/30T/B2



Fiber indoor cable, TeraSPEED® Low Smoke Zero Halogen Riser MPO Trunk, 16-fiber, 3.0 mm subunits, Singlemode G.657.A2/B2, Feet jacket marking, Yellow jacket color, B2ca flame rating

Product Classification

Regional Availability	Asia Australia/New Zealand EMEA Latin America North America
Portfolio	CommScope®
Product Type	Fiber indoor cable
Product Series	N-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
Total Fiber Count	16
Dimensions	
Buffer Tube/Subunit Diameter	3 mm 0.118 in
Diameter Over Jacket	6.4 mm 0.252 in

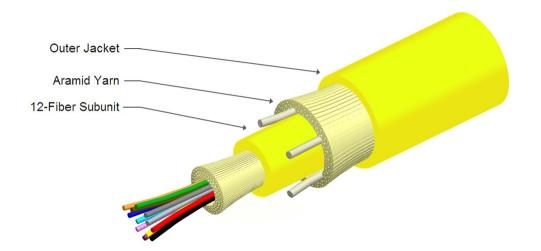
Representative Image

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760251073 | N-016-MP-8G1-F16YL/30T/B2



Mechanical Specifications

Minimum Bend Radius, loaded	96 mm 3.78 in
Minimum Bend Radius, unloaded	64 mm 2.52 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	445 m 1,459.974 ft
Optical Specifications	

Fiber Type

G.657.A2/B2

Environmental Specifications

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760251073 | N-016-MP-8G1-F16YL/30T/B2

Installation temperature	0 °C to +50 °C (+32 °F to +122 °F)
Operating Temperature	0 °C to +60 °C (+32 °F to +140 °F)
Storage Temperature	-40 °C to +60 °C (-40 °F to +140 °F)
Cable Qualification Standards	ANSI/ICEA S-83-596 Telcordia GR-409
EN50575 CPR Cable EuroClass Fire Performance	B2ca
EN50575 CPR Cable EuroClass Smoke Rating	s1a
EN50575 CPR Cable EuroClass Droplets Rating	d0
EN50575 CPR Cable EuroClass Acidity Rating	a1
Environmental Space	Low Smoke Zero Halogen (LSZH)
Flame Test Method	IEC 60754-2 IEC 61034-2

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	45.9 kg/km 30.843 lb/kft
* Footnotes	

Operating Temperature Specification applicable to non-terminated bulk fiber cable

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860661398



Fiber Optic Connector Kit, singlemode, OS2, MPO-16/APC, ULL, pinned, green, for 3 mm cable

Product Classification

Regional Availability	Asia Australia/New Zealand EMEA Latin America North America	
Portfolio	CommScope®	
Product Type	Fiber connector	

General Specifications

Color	Green
Color, boot	Black
Ferrule Geometry	Angled
Interface	MPO/APC Male
Interface Feature	Pinned

Dimensions

Compatible Cable Diameter	3 mm	0.118 in
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Optical Specifications

Fiber Mode	Singlemode
Fiber Type	OS2
Insertion Loss, maximum	0.3 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

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860661398

REACH-SVHC

ROHS

UK-ROHS

Compliant as per SVHC revision on www.commscope.com/ProductCompliance

Compliant Compliant



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