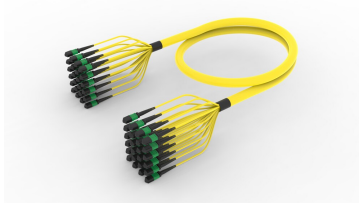


UJGMXMXCP

Base Product



Ultra Low Loss ULL TeraSPEED® MPO(Pinned) to MPO(Pinned) Pre-terminated Trunk Cable, MPO12, 288-Fiber, LSZH, 12 fiber PmP 2.0 mm Dca/B2ca

Product Classification

Regional Availability

Asia | Australia/New Zealand | Europe | Latin America | Middle East/Africa | North America

Portfolio

CommScope®

Product Type

Fiber trunk cable assembly

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

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 Male

Interface, Connector B

MPO-12/APC Male

Jacket Color

Yellow

Polarity

Method B Enhanced (ULL)

Fibers per Subunit, quantity

12

Total Fibers, quantity

144

Dimensions

Breakout Length

33 in

Cable Assembly Length Range (m)

3 – 999

Cable Assembly Length Range (ft)

10 – 999

UJGMXMXCP

Ordering Tree



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)

EN50575 CPR Cable EuroClass Fire Performance

Dca

Environmental Space

Dual Rated LSZH/Riser | Indoor

Regulatory Compliance/Certifications

UJGMXMXCP

Agency

ANATEL

**Classification**

Compliant

Included Products

- 760249612
N-288-MP-8G1-F12YL/20T/B2 – Fiber indoor cable, Low Smoke Zero Halogen Riser MPO Trunk, 288 fiber with 2.0 mm Subunits, Singlemode G.657.A2/B2, Feet jacket marking, Yellow jacket color, B2ca flame rating
- 860659010 – MPO-12, ULTRA LOW LOSS, MALE, Singlemode, GREEN, 2mm



Fiber indoor cable, Low Smoke Zero Halogen Riser MPO Trunk, 288 fiber with 2.0 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
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	24
Fibers per Subunit, quantity	12
Total Fiber Count	288

Dimensions

Buffer Tube/Subunit Diameter	2 mm 0.079 in
Diameter Over Jacket	14.7 mm 0.579 in

Representative Image



Mechanical Specifications

Minimum Bend Radius, loaded	221 mm 8.701 in
Minimum Bend Radius, unloaded	147 mm 5.787 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	99 m 324.803 ft

Optical Specifications

Fiber Type	G.657.A2/B2 OS2
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Environmental Specifications

Installation temperature	0 °C to +60 °C (+32 °F to +140 °F)
Operating Temperature	0 °C to +70 °C (+32 °F to +158 °F)

760249612 | N-288-MP-8G1-F12YL/20T/B2

Storage Temperature	-40 °C to +70 °C (-40 °F to +158 °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	d1
EN50575 CPR Cable EuroClass Acidity Rating	a1
Environmental Space	Dual Rated LSZH/Riser Low Smoke Zero Halogen (LSZH) Riser
Flame Test Listing	NEC OFNR-ST1 (ETL) and c(ETL)
Flame Test Method	CSA FT4 IEC 60332-3 IEC 60754-2 IEC 61034-2 UL 1666 UL 1685

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	205.7 kg/km 138.224 lb/kft
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* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

860659010



MPO-12, ULTRA LOW LOSS, MALE, 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 Male
Interface Feature	Pinned
Total Fiber Count	12

Dimensions

Compatible Cable Diameter	2 mm 0.079 in
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Material Specifications

Ferrule Material	Polymer
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Optical Specifications

Fiber Mode	Singlemode
Fiber Type	G.657.A2
Optical Components Standard	ANSI/TIA-568-C.3
Insertion Loss, ULL, typical	0.35 dB
Return Loss, minimum	65 dB

860659010

Packaging and Weights

Packaging quantity 1