

AGGMXXMXCD

Base Product



Ultra Low Loss ULL TeraSPEED® MPO(Pinned) to MPO(Pinned) Pre-terminated Trunk Cable, MPO12, 12-Fiber, Plenum, 12 fiber PmP 2.0 mm Dca, Method A

Product Classification

Regional Availability

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

Portfolio

CommScope®

Product Type

Fiber trunk cable assembly

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 A

Fibers per Subunit, quantity

12

Total Fibers, quantity

12

Dimensions

Breakout Length

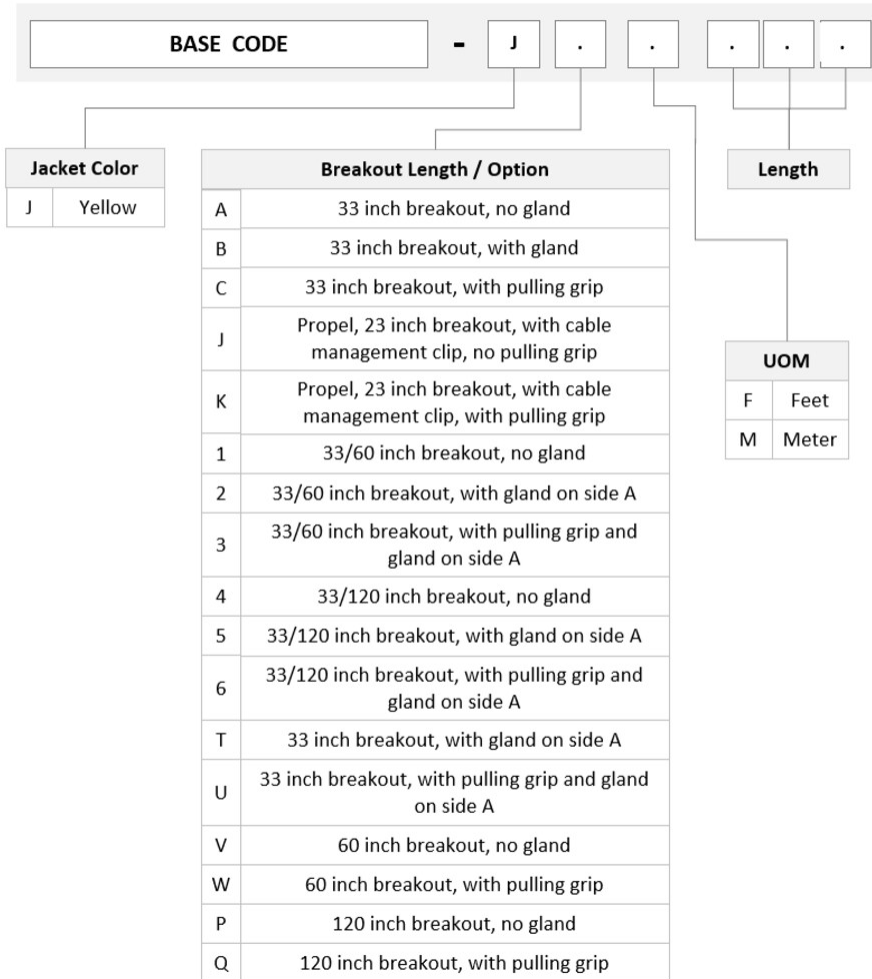
33 in

AGGMXXMXCD

Cable Assembly Length Range (m) 3 – 999

Cable Assembly Length Range (ft) 10 – 999

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

AGGMXXMXCD

Environmental Space

Indoor | Plenum

Regulatory Compliance/Certifications

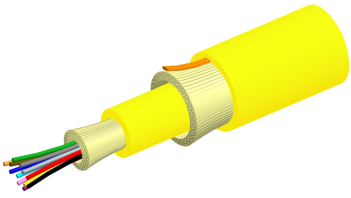
| Agency | Classification |
|---------------|--|
| ANATEL | Compliant |
| CHINA-ROHS | Above maximum concentration value |
| ISO 9001:2015 | Designed, manufactured and/or distributed under this quality management system |
| REACH-SVHC | Compliant as per SVHC revision on www.commscope.com/ProductCompliance |
| ROHS | Compliant/Exempted |
| UK-ROHS | Compliant/Exempted |



Included Products

- 760242049 P-012-MP-8G-F12YL/20T – Fiber indoor cable, Plenum for MPO Trunks, 12 fiber, Singlemode G.657.A2/B2, Feet jacket marking, Yellow jacket color
- 860659010 – MPO-12, ULTRA LOW LOSS, MALE, Singlemode, GREEN, 2mm

760242049 | P-012-MP-8G-F12YL/20T



Fiber indoor cable, Plenum for MPO Trunks, 12 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 |

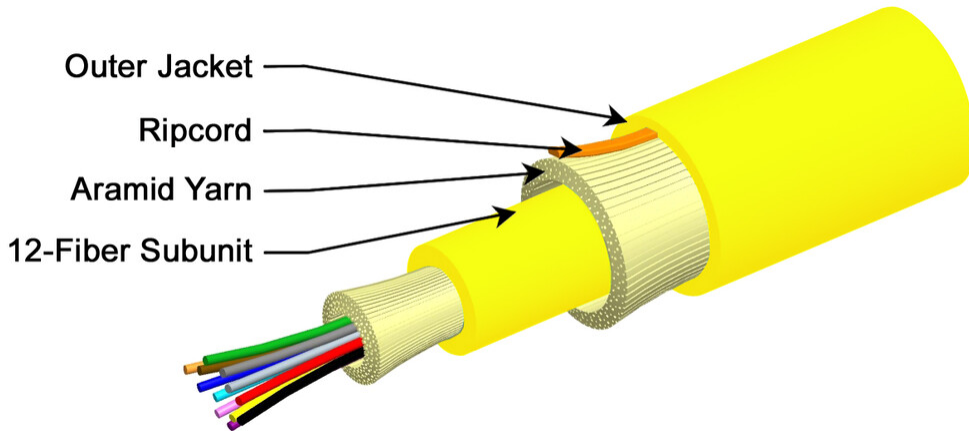
General Specifications

| | |
|--------------------------|-----------------|
| Cable Type | MPO trunk cable |
| Construction Type | Non-armored |
| Subunit Type | Gel-free |
| Jacket Color | Yellow |
| Jacket Marking | Feet |
| Total Fiber Count | 12 |

Dimensions

| | |
|-------------------------------------|-------------------|
| Buffer Tube/Subunit Diameter | 2 mm 0.079 in |
| Diameter Over Jacket | 5.2 mm 0.205 in |

Representative Image



Mechanical Specifications

| | |
|--|---------------------------------------|
| Minimum Bend Radius, loaded | 79 mm 3.11 in |
| Minimum Bend Radius, unloaded | 52 mm 2.047 in |
| Tensile Load, long term, maximum | 133 N 29.9 lbf |
| Tensile Load, short term, maximum | 445 N 100.04 lbf |
| Compression | 10 N/mm 57.101 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 | 417 m 1,368.11 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) |
|---------------------------------|------------------------------------|

760242049 | P-012-MP-8G-F12YL/20T

| | |
|--------------------------------------|---------------------------------------|
| 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) |
| 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 | 33 kg/km 22.175 lb/kft |
|---------------------|--------------------------|

Regulatory Compliance/Certifications

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

* 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 |
|----------------------------------|-----------------|

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, ULL, maximum | 0.35 dB |
| Return Loss, minimum | 65 dB |

Packaging and Weights

860659010

Packaging quantity

1