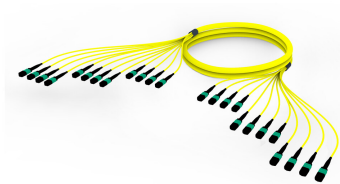


Base Product



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

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 |

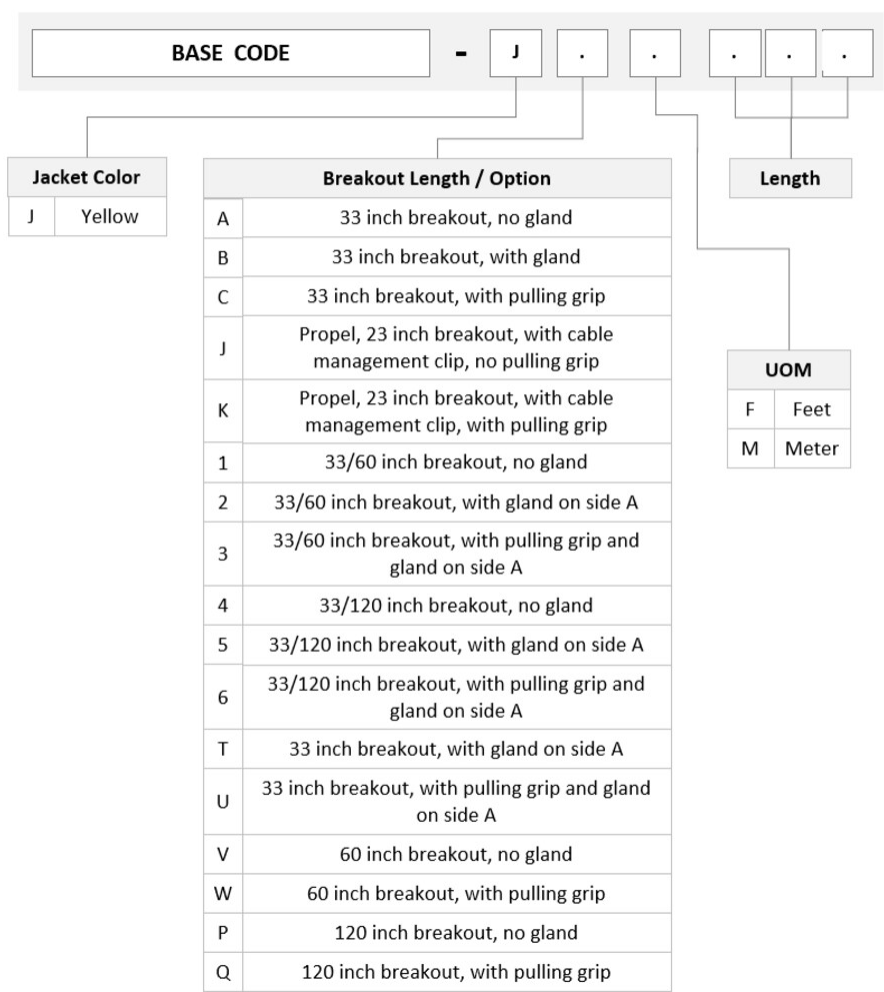
General Specifications

| | |
|------------------------------|-------------------------|
| 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 Female |
| Interface, Connector B | MPO-12/APC Female |
| Jacket Color | Yellow |
| Polarity | Method B Enhanced (ULL) |
| Fibers per Subunit, quantity | 12 |
| Total Fibers, quantity | 288 |

Dimensions

| | |
|----------------------------------|----------|
| Breakout Length | 33 in |
| 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 |
| Environmental Space | Dual Rated LSZH/Riser Indoor |

UJGMPMPCP

Regulatory Compliance/Certifications

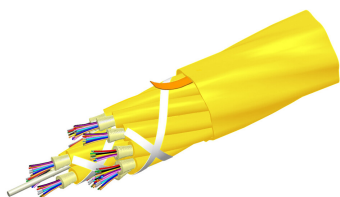
| Agency | Classification |
|---------------|--|
| ANATEL | Compliant |
| CHINA-ROHS | Above maximum concentration value |
| ISO 9001:2015 | Designed, manufactured and/or distributed under this quality management system |
| REACH-SVHC | Compliant as per SVHC revision on www.commscope.com/ProductCompliance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



Included Products

| | | |
|---------------------------|---|---|
| 760249612 | – | Fiber indoor cable, Low Smoke Zero Halogen Riser MPO Trunk, 288 fiber with 2.0 mm Subunits, |
| N-288-MP-8G1-F12YL/20T/B2 | | Singlemode G.657.A2/B2, Feet jacket marking, Yellow jacket color, B2ca flame rating |
| 860659016 | – | MP012, ULL, FEMALE, SM, GREEN, 2MM |

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

Product Classification

| | |
|-----------------------|-------------------------------------|
| Regional Availability | Asia Australia/New Zealand EMEA |
| Portfolio | CommScope® |
| Product Type | Fiber indoor cable |
| Product Series | N-MP |

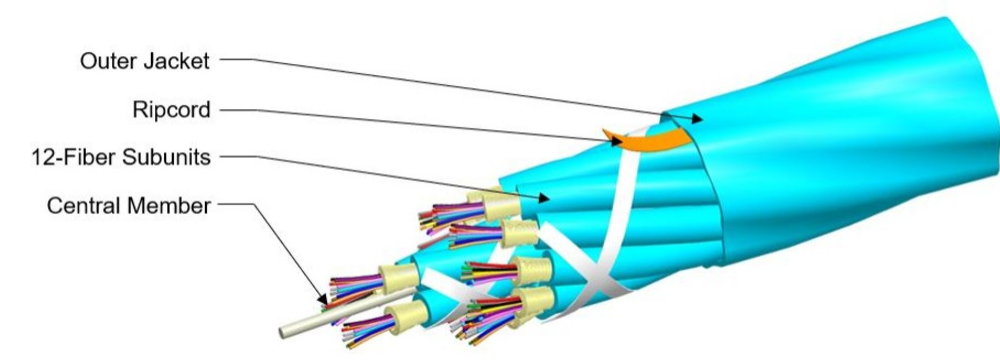
General Specifications

| | |
|------------------------------|-----------------|
| 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 |
|------------|-------------------|

Environmental Specifications

| | |
|--------------------------|------------------------------------|
| Installation temperature | 0 °C to +50 °C (+32 °F to +122 °F) |
| Operating Temperature | 0 °C to +60 °C (+32 °F to +140 °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

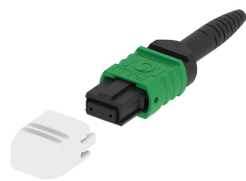
| | |
|-------------------------------|------------------------------------|
| Low High Bend | 0 °C to +50 °C (+32 °F to +122 °F) |
| Low High Bend Test Method | FOTP-37 IEC 60794-1 E11 |
| Temperature Cycle | 0 °C to +60 °C (+32 °F to +140 °F) |
| Temperature Cycle Test Method | FOTP-3 IEC 60794-1 F1 |

Packaging and Weights

| | |
|--------------|------------------------------|
| Cable weight | 205.7 kg/km 138.224 lb/kft |
|--------------|------------------------------|

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable



MPO12, ULL, FEMALE, SM, 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 | 12 |

Dimensions

| | |
|---------------------------|--------------------|
| Length | 60.1 mm 2.366 in |
| Compatible Cable Diameter | 2 mm 0.079 in |

Material Specifications

| | |
|------------------|---------|
| Ferrule Material | Polymer |
|------------------|---------|

Mechanical Specifications

| | |
|-----------------------------------|----------------|
| Cable Retention Strength, maximum | 11.24 lb @ 0 ° |
|-----------------------------------|----------------|

Optical Specifications

| | |
|-------------------------------|--|
| Fiber Mode | Singlemode |
| Fiber Type | G.652.D and G.657.A1, TeraSPEED® OS2 |
| Insertion Loss Change, mating | 0.35 dB |
| Optical Components Standard | ANSI/TIA-568-C.3 |

860659016

| | |
|-------------------------|---------|
| Insertion Loss, maximum | 0.35 dB |
| Return Loss, minimum | 65 dB |

Packaging and Weights

| | |
|--------------------|---|
| Packaging quantity | 1 |
|--------------------|---|

* Footnotes

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