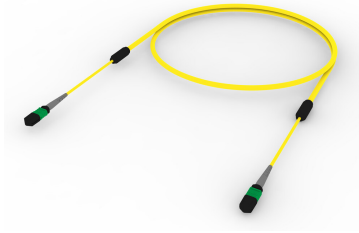


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Base Product



Ultra Low Loss (ULL) Singlemode MPO8 (Unpinned) to MPO8 (Unpinned), Fiber Trunk Cable Assembly, 8-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

| | |
|-------------------------------------|-------------------------|
| Connector A, quantity | 1 |
| Color, boot A | Gray |
| Color, connector A | Green |
| Connector B, quantity | 1 |
| Color, boot B | Gray |
| Color, connector B | Green |
| Construction Type | Stranded |
| Furcation Color | Yellow |
| Interface, Connector A | MPO-08/APC Female |
| Interface, Connector B | MPO-08/APC Female |
| Jacket Color | Yellow |
| Polarity | Method B Enhanced (ULL) |
| Fibers per Subunit, quantity | 8 |
| Total Fibers, quantity | 8 |

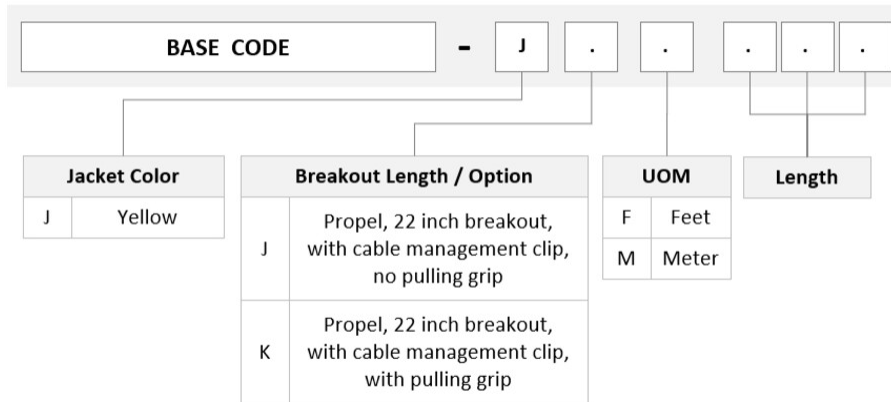
Dimensions

| | |
|------------------------|-------|
| Breakout Length | 22 in |
|------------------------|-------|

UJGQPQPT8

Cable Assembly Length Range (m) 3 – 305
Cable Assembly Length Range (ft) 10 – 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 Dual Rated LSZH/Riser | Indoor

Regulatory Compliance/Certifications

| Agency | Classification |
|---------------|--|
| ANATEL | Compliant |
| CHINA-ROHS | Below 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 |
| UK-ROHS | Compliant |

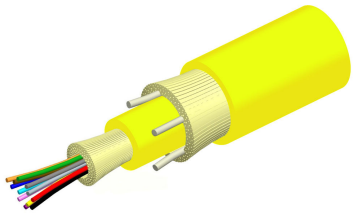
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Included Products

- 760245569
N-008-MP-8G1-F08YL/20T/D
 - 860659028
- Fiber indoor cable, Low Smoke Zero Halogen Riser MPO Trunk with 2.0mm Subunits, 8 fiber, Singlemode G.657.A2/B2, Feet jacket marking, Yellow jacket color, Dca flame rating
 - MPO-08, ULTRA LOW LOSS, FEMALE, Singlemode, GREEN, 2mm

760245569 | N-008-MP-8G1-F08YL/20T/D



Fiber indoor cable, Low Smoke Zero Halogen Riser MPO Trunk with 2.0 mm Subunits, 8 fiber, Singlemode G.657.A2/B2, Feet jacket marking, Yellow jacket color, Dca 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 |

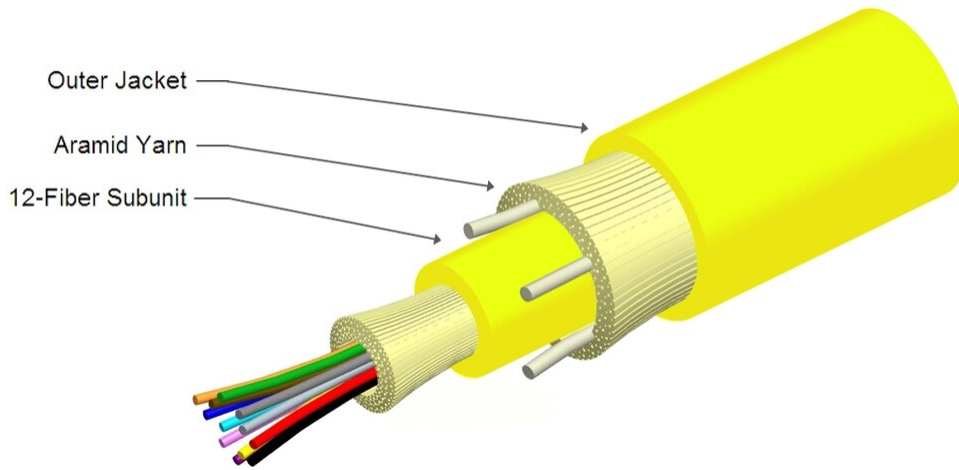
General Specifications

| | |
|--------------------------|-----------------|
| Cable Type | MPO trunk cable |
| Construction Type | Non-armored |
| Subunit Type | Gel-free |
| Jacket Color | Yellow |
| Jacket Marking | Feet |
| Total Fiber Count | 8 |

Dimensions

| | |
|-------------------------------------|-------------------|
| Buffer Tube/Subunit Diameter | 2 mm 0.079 in |
| Diameter Over Jacket | 4.7 mm 0.185 in |

Representative Image



Mechanical Specifications

| | |
|--|---------------------------------------|
| Minimum Bend Radius, loaded | 71 mm 2.795 in |
| Minimum Bend Radius, unloaded | 47 mm 1.85 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 | 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 | 500 m 1,640.42 ft |

Optical Specifications

| | |
|-------------------|---------------------------|
| Fiber Type | G.657.A2/B2 G.657.A2/B2 |
|-------------------|---------------------------|

Environmental Specifications

760245569 | N-008-MP-8G1-F08YL/20T/D

| | |
|---|---|
| Installation temperature | 0 °C to +60 °C (+32 °F to +140 °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 |
| EN50575 CPR Cable EuroClass Fire Performance | Dca |
| EN50575 CPR Cable EuroClass Smoke Rating | s1a |
| EN50575 CPR Cable EuroClass Droplets Rating | d1 |
| EN50575 CPR Cable EuroClass Acidity Rating | a1 |
| Environmental Space | Low Smoke Zero Halogen (LSZH) Riser |
| Flame Test Listing | NEC OFNR-ST1 (ETL) and c(ETL) |
| Flame Test Method | IEC 60332-3 IEC 60754-2 IEC 61034-2 UL 1666 UL 1685 |

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 +60 °C (+32 °F to +140 °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 | 22.8 kg/km 15.321 lb/kft |
|---------------------|----------------------------|

Regulatory Compliance/Certifications

| Agency | Classification |
|---------------|--|
| CENELEC | EN 50575 compliant, Declaration of Performance (DoP) available |
| CHINA-ROHS | Below maximum concentration value |
| ISO 9001:2015 | Designed, manufactured and/or distributed under this quality management system |
| ROHS | Compliant |
| UK-ROHS | Compliant |



* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

860659028



MPO-08, ULTRA LOW LOSS, FEMALE, 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 Female |
| Interface Feature | Unpinned |
| Total Fiber Count | 8 |

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, maximum | 0.35 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 |
| REACH-SVHC | Compliant as per SVHC revision on www.commscope.com/ProductCompliance |
| ROHS | Compliant |
| UK-ROHS | Compliant |

