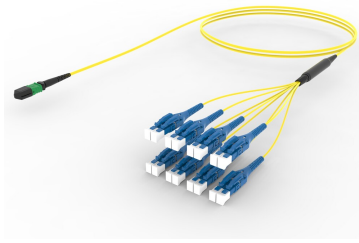


UQGRXLU7R

Base Product



Ultra Low Loss (ULL) Singlemode G.657.A2 MPO16 UPC (Pinned) to LC Uniboot UPC, Fiber Array Cable Assembly, 16-Fiber, Plenum

Product Classification

| | |
|------------------------------|--|
| Regional Availability | Asia Australia/New Zealand China Europe India Latin America Middle East/Africa North America |
| Portfolio | CommScope® |
| Product Type | Fiber array 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

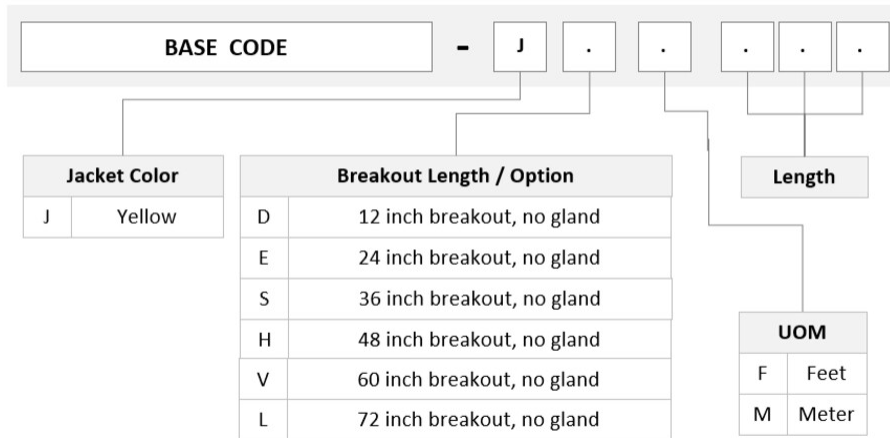
| | |
|---------------------------------------|-------------------------|
| Connector A, quantity | 1 |
| Color, boot A | Black |
| Color, connector A | Green |
| Connector B, quantity | 16 |
| Color, boot B | Yellow |
| Color, connector B | Black |
| Construction Type | Stranded |
| Furcation Color | Yellow |
| Interface, Connector A | MPO-16/APC Male |
| Interface, Connector B | LC/UPC |
| Interface Feature, connector B | Uniboot |
| Jacket Color | Yellow |
| Polarity | Method B Enhanced (ULL) |
| Fibers per Subunit, quantity | 16 |
| Total Fibers, quantity | 16 |

UQGRXLU7R

Dimensions

| | |
|---|---|
| Breakout Length | 12 in 24 in 36 in 48 in 60 in 72 in |
| Cable Assembly Length Range (m) | 1 – 304 |
| Cable Assembly Length Range (ft) | 2 – 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 | Indoor Plenum |

Regulatory Compliance/Certifications

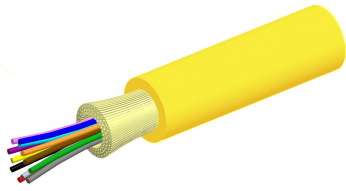
| Agency | Classification |
|---------------|--|
| ISO 9001:2015 | Designed, manufactured and/or distributed under this quality management system |

Included Products

UQGRXLU7R

- 760249691
P-016-MP-8G1-F30YL - Fiber indoor cable, Plenum MPO Light Duty for Patchcords, 16 fiber, Singlemode G.657.A2/B2, Feet jacket marking, Yellow jacket color
- 860650412 - TeraSPEED® LC UniBoot 2.0MM UPC/LC UNIBOOT CONNECTOR KIT
- 860661398 - Fiber Optic Connector Kit, singlemode, OS2, MPO-16/APC, ULL, pinned, green, for 3 mm cable

760249691 | P-016-MP-8G1-F30YL



Fiber indoor cable, Plenum MPO Light Duty for Patchcords, 16 fiber, Singlemode G.657.A2/B2, Feet jacket marking, Yellow jacket color

Product Classification

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

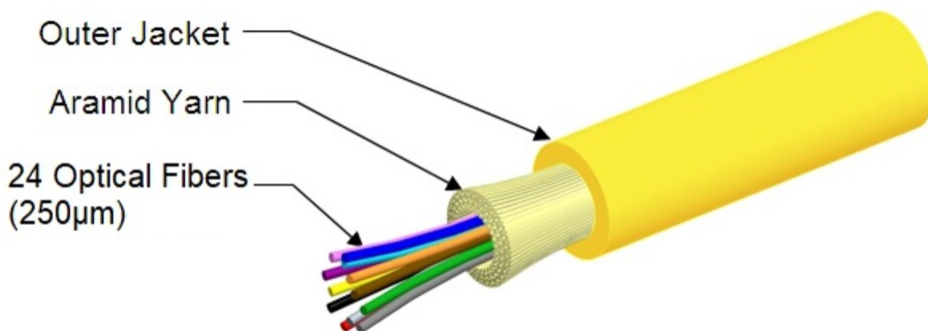
General Specifications

| | |
|--------------------------|-----------------|
| Cable Type | MPO trunk cable |
| Construction Type | Non-armored |
| Subunit Type | Gel-free |
| Jacket Color | Yellow |
| Jacket Marking | Feet |
| Total Fiber Count | 16 |

Dimensions

| | |
|-----------------------------|-----------------|
| Diameter Over Jacket | 3 mm 0.118 in |
|-----------------------------|-----------------|

Representative Image



Mechanical Specifications

| | |
|--|---------------------------------------|
| Minimum Bend Radius, loaded | 45 mm 1.772 in |
| Minimum Bend Radius, unloaded | 24 mm 0.945 in |
| Tensile Load, long term, maximum | 80 N 17.985 lbf |
| Tensile Load, short term, maximum | 267 N 60.024 lbf |
| Compression | 3.5 N/mm 19.986 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 | 500 m 1,640.42 ft |

Optical Specifications

| | |
|-------------------|-------------------|
| Fiber Type | G.657.A2/B2 OS2 |
|-------------------|-------------------|

Environmental Specifications

| | |
|--------------------------------------|---------------------------------------|
| Installation temperature | 0 °C to +70 °C (+32 °F to +158 °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 |
| 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) |

760249691 | P-016-MP-8G1-F30YL

| | |
|--------------------------------------|------------------------------------|
| 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 | 9.3 kg/km 6.249 lb/kft |
|---------------------|--------------------------|

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

TeraSPEED® LC UniBoot 2.0MM UPC/LC UNIBOOT CONNECTOR KIT

Product Classification

| | |
|------------------------------|---|
| Regional Availability | Asia Australia/New Zealand EMEA Latin America North America |
| Portfolio | CommScope® |
| Product Type | Fiber connector |
| Product Brand | SYSTIMAX ULL TeraSPEED® |
| Product Series | Uniboot |

General Specifications

| | |
|--------------------------|---------|
| Body Style | Duplex |
| Color | Blue |
| Interface | LC/UPC |
| Interface Feature | Uniboot |

Dimensions

| | |
|----------------------------------|-----------------|
| Compatible Cable Diameter | 2 mm 0.079 in |
|----------------------------------|-----------------|

Material Specifications

| | |
|-------------------------|----------|
| Ferrule Material | Zirconia |
|-------------------------|----------|

Mechanical Specifications

| | |
|--|---------------------------------|
| Cable Retention Strength, maximum | 11.24 lb @ 0 ° 4.40 lb @ 90 ° |
|--|---------------------------------|

Optical Specifications

| | |
|--------------------------------------|--------------------------|
| Fiber Mode | Singlemode |
| Fiber Type | G.652.D G.657.A2 OS2 |
| Insertion Loss Change, mating | 0.25 dB |
| Optical Components Standard | ANSI/TIA-568-C.3 |
| Insertion Loss, ULL, maximum | 0.25 dB |
| Return Loss, minimum | 50 dB |

Packaging and Weights

Packaging quantity

1

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

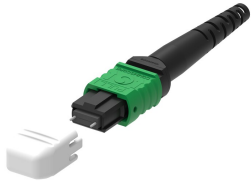
Compliant/Exempted



* Footnotes

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

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

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 |

860661398

REACH-SVHC

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

ROHS

Compliant

UK-ROHS

Compliant

