

UGVMPMPCG

Base Product



Ultra Low Loss ULL LazrSPEED® 550 OM5 MPO(Unpinned) to MPO (Unpinned) Pre-terminated Trunk Cable, MPO12, 36-Fiber, Plenum, 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

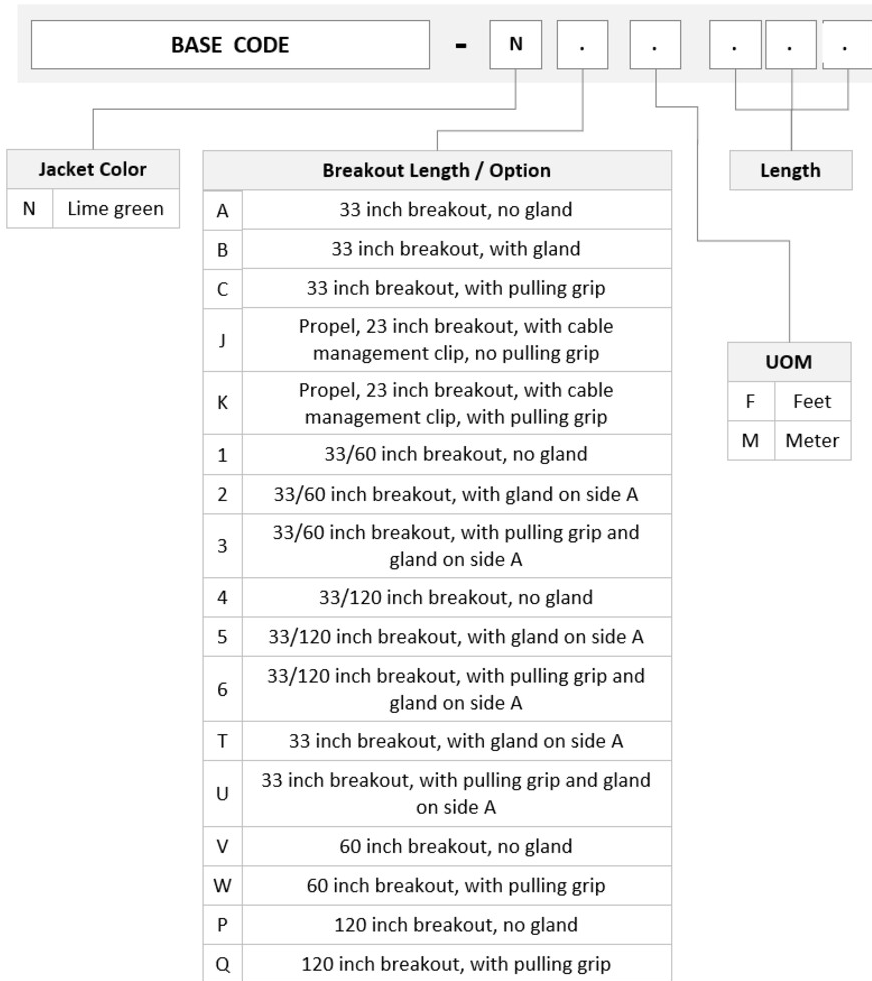
| | |
|-------------------------------------|-------------------------|
| Color, boot A | Black |
| Color, connector A | Black |
| Color, boot B | Black |
| Color, connector B | Black |
| Construction Type | Stranded |
| Furcation Color | Lime green |
| Interface, Connector A | MPO-12/UPC Female |
| Interface, Connector B | MPO-12/UPC Female |
| Jacket Color | Lime green |
| Polarity | Method B Enhanced (ULL) |
| Fibers per Subunit, quantity | 12 |
| Total Fibers, quantity | 36 |

Dimensions

UGVMPPMPCG

| | |
|---|----------|
| Breakout Length | 33 in |
| Cable Assembly Length Range (m) | 3 – 999 |
| Cable Assembly Length Range (ft) | 10 – 999 |

Ordering Tree



Optical Specifications

| | |
|-------------------|-----------------|
| Fiber Mode | Multimode |
| Fiber Type | OM5, LazrSPEED® |

Environmental Specifications

| | |
|------------------------------|--------------------------------------|
| Operating Temperature | -10 °C to +60 °C (+14 °F to +140 °F) |
|------------------------------|--------------------------------------|

UGVMPMPCG

EN50575 CPR Cable EuroClass Fire Performance

Dca

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

- 760242117 - Fiber indoor cable, LazrSPEED® Plenum MPO Trunk, 36 fiber multi-unit with 12 fiber subunits, Multimode OM5, Gel-free, Feet jacket marking, Lime green jacket color
- P-036-MP-5G-F12LM/20T -
- 860659014 - MPO12, ULL, FEMALE, OM5, LIME, 2MM



Fiber indoor cable, LazrSPEED® Plenum MPO Trunk, 36 fiber multi-unit with 12 fiber subunits, Multimode OM5, Gel-free, Feet jacket marking, Lime green 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 |
| Filler, quantity | 1 |
| Jacket Color | Lime green |
| Jacket Marking | Feet |
| Subunit, quantity | 3 |
| Fibers per Subunit, quantity | 12 |
| Total Fiber Count | 36 |

Dimensions

| | |
|-------------------------------------|-------------------|
| Buffer Tube/Subunit Diameter | 2 mm 0.079 in |
| Diameter Over Jacket | 7.7 mm 0.303 in |

Representative Image



Mechanical Specifications

| | |
|--|---------------------------------------|
| Minimum Bend Radius, loaded | 116 mm 4.567 in |
| Minimum Bend Radius, unloaded | 77 mm 3.031 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 | 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 | 320 m 1,049.869 ft |

Optical Specifications

| | |
|-------------------|---|
| Fiber Type | OM5, LazrSPEED® wideband OM5, LazrSPEED® wideband |
|-------------------|---|

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) |

760242117 | P-036-MP-5G-F12LM/20T

| | |
|--------------------------------------|---------------------------------------|
| 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 | 64 kg/km 43.006 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

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MPO12, ULL, FEMALE, OM5, LIME, 2MM

Product Classification

| | |
|------------------------------|---|
| Regional Availability | Asia Australia/New Zealand EMEA Latin America North America |
| Portfolio | CommScope® |
| Product Type | Fiber connector |
| Product Brand | LazrSPEED® |

General Specifications

| | |
|--------------------------|----------------|
| Color | Lime green |
| Color, boot | Black |
| Ferrule Geometry | Flat |
| Interface | MPO/UPC 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 | 0.2 dB |
| Optical Components Standard | ANSI/TIA-568-C.3 |

860659014

Insertion Loss, maximum 0.2 dB

Return Loss, minimum 27 dB

Packaging and Weights

Packaging quantity 1

* Footnotes

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