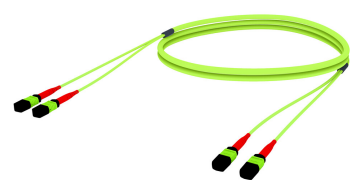


UGV2X2XBH

Base Product



Ultra Low Loss (ULL) OM5 MPO24 (Pinned) to MPO24 (Pinned), Fiber Trunk Cable Assembly, 48-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 trunk cable assembly |
| Product Brand | SYSTIMAX ULL |
| Ordering Note | For lengths greater than 999 ft (304 m), orders must be in meters Minimum length may vary based on cable configuration |

General Specifications

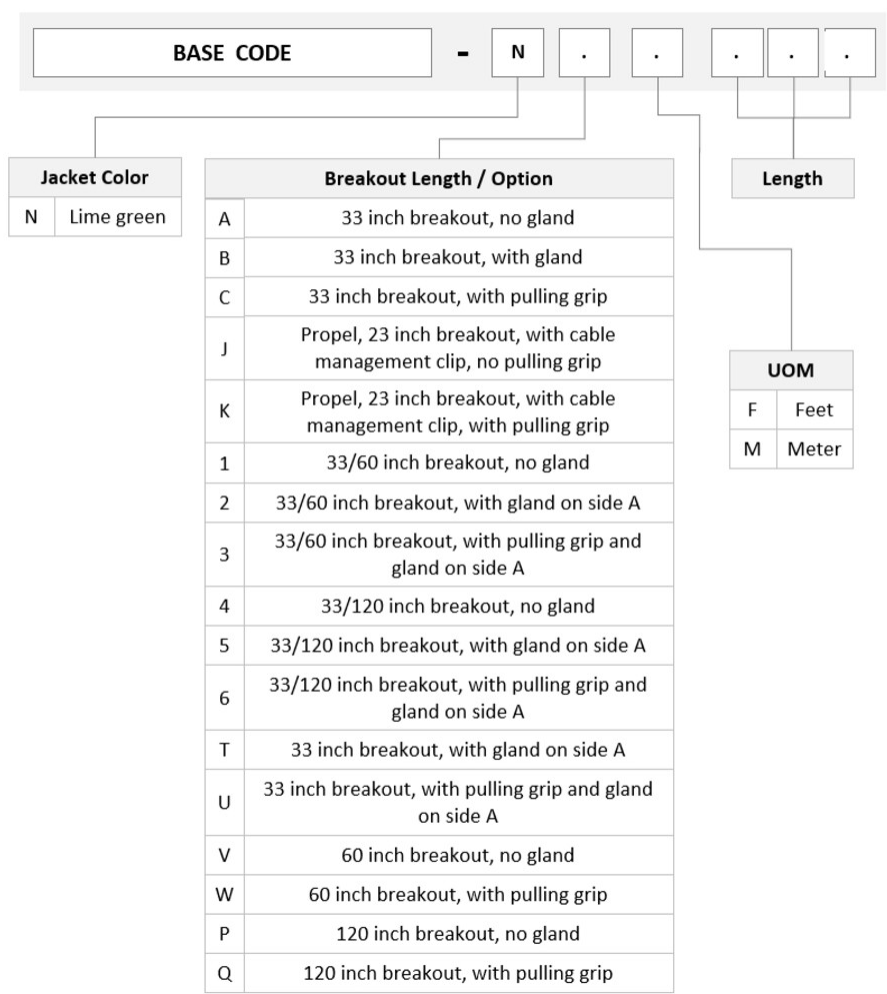
| | |
|------------------------------|-------------------------|
| Color, boot A | Red |
| Color, connector A | Lime green |
| Color, boot B | Red |
| Color, connector B | Lime green |
| Construction Type | Stranded |
| Furcation Color | Lime green |
| Interface, Connector A | MPO-24/UPC Male |
| Interface, Connector B | MPO-24/UPC Male |
| Jacket Color | Lime green |
| Polarity | Method B Enhanced (ULL) |
| Fibers per Subunit, quantity | 24 |
| Total Fibers, quantity | 48 |

Dimensions

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

UGV2X2XBH

Ordering Tree



Mechanical Specifications

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

Optical Specifications

Fiber Mode Multimode

Fiber Type OM5, LazrSPEED®

Environmental Specifications

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

Environmental Space Indoor | Plenum

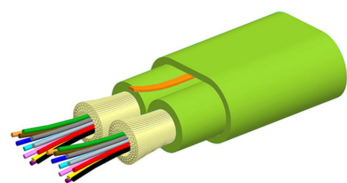
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Regulatory Compliance/Certifications

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

Included Products

| | | |
|-----------------------|---|--|
| 760256586 | – | Fiber indoor cable, LazrSPEED® Plenum MPO Trunk Cable, 48 fiber with 24-fiber, 3.0mm |
| P-048-MP-5G-F24LM/30T | | subunits, Gel-free, Multimode OM5, Feet jacket marking, Lime green jacket color |
| 860662280 | – | MPO24,MALE,OM5,LIME,3.0MM |



Fiber indoor cable, LazrSPEED® Plenum MPO Trunk Cable, 48 fiber with 24-fiber, 3.0mm subunits, Gel-free, Multimode OM5, 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 |

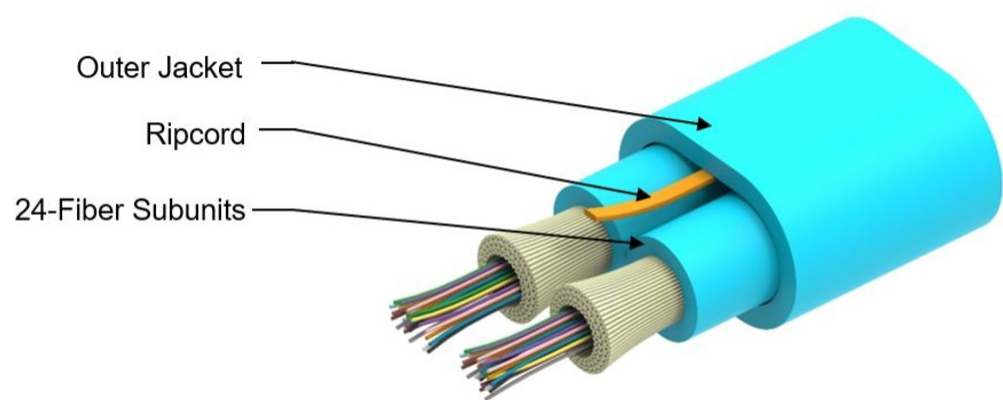
General Specifications

| | |
|------------------------------|-----------------|
| Cable Type | MPO trunk cable |
| Construction Type | Non-armored |
| Subunit Type | Gel-free |
| Jacket Color | Lime green |
| Jacket Marking | Feet |
| Subunit, quantity | 2 |
| Fibers per Subunit, quantity | 24 |
| Total Fiber Count | 48 |

Dimensions

| | |
|------------------------------|-------------------|
| Height Over Jacket | 5.8 mm 0.228 in |
| Width Over Jacket | 8.8 mm 0.346 in |
| Buffer Tube/Subunit Diameter | 3 mm 0.118 in |

Representative Image



Mechanical Specifications

| | |
|-----------------------------------|---------------------------------------|
| Minimum Bend Radius, loaded | 87 mm 3.425 in |
| Minimum Bend Radius, unloaded | 58 mm 2.283 in |
| Tensile Load, long term, maximum | 200 N 44.962 lbf |
| Tensile Load, short term, maximum | 167 N 37.543 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 | 314 m 1,030.184 ft |

Optical Specifications

| | |
|------------|--------------------------|
| Fiber Type | 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) |

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

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

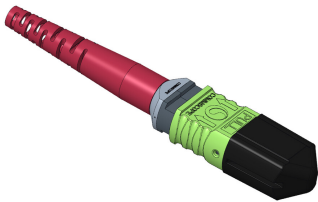
Packaging and Weights

| | |
|--------------|--------------------------|
| Cable weight | 65 kg/km 43.678 lb/kft |
|--------------|--------------------------|

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

860662280



MPO24,MALE,OM3,LIME,3.0MM

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 | Red |
| Ferrule Geometry | Flat |
| Interface | MPO/UPC Male |
| Interface Feature | Pinned |
| Total Fiber Count | 24 |

Dimensions

| | |
|---------------------------|--------------------|
| Length | 60.1 mm 2.366 in |
| Compatible Cable Diameter | 3 mm 0.118 in |

Material Specifications

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

Mechanical Specifications

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

Optical Specifications

| | |
|-------------------------------|------------------|
| Fiber Mode | Multimode |
| Fiber Type | OM3 OM4 |
| Insertion Loss Change, mating | 0.7 dB |
| Optical Components Standard | ANSI/TIA-568-C.3 |

860662280

| | |
|------------------------------------|--------|
| Insertion Loss Change, temperature | 0.7 dB |
| Insertion Loss, maximum | 0.7 dB |
| Return Loss, minimum | 28 dB |

Packaging and Weights

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

* Footnotes

| | |
|------------------------------------|---|
| Insertion Loss Change, mating | TIA-568: Maximum insertion loss change after 500 matings |
| Insertion Loss Change, temperature | Maximum insertion loss change from -10 °C to +60 °C (+14 °F to +140 °F) |