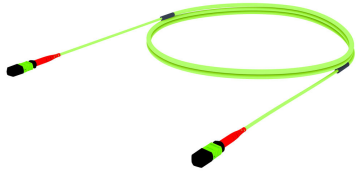


UQV2C2XHF



Ultra Low Loss (ULL) OM5, MPO24 (Unpinned) to MPO24 (Pinned), 24-Fiber, Plenum Patchcord

Product Classification

| | |
|------------------------------|---|
| Regional Availability | Australia/New Zealand Europe Latin America Middle East/Africa North America |
| Portfolio | CommScope® |
| Product Type | Fiber array cable assembly |
| Product Brand | SYSTIMAX ULL |
| Ordering Note | Can only be used with CXP transceivers 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

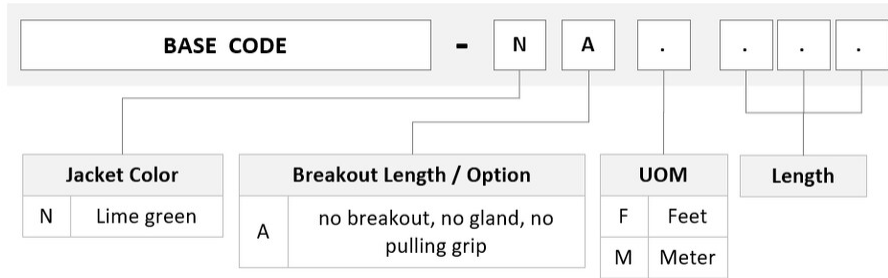
| | |
|---------------------------------------|-------------------------|
| Color, boot A | Red |
| Color, boot B | Red |
| Color, connector A | Lime green |
| Color, connector B | Lime green |
| Construction Type | Stranded |
| Fibers per Subunit, quantity | 24 |
| Furcation Color | Lime green |
| Interface,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

Dimensions

UQV2C2XHF

| | |
|---|----------|
| Cable Assembly Length Range (m) | 3 – 999 |
| 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 | Multimode |
| Fiber Type | OM5, LazrSPEED® |

Environmental Specifications

| | |
|------------------------------|--------------------------------------|
| Operating Temperature | -10 °C to +60 °C (+14 °F to +140 °F) |
| Environmental Space | Indoor Plenum |

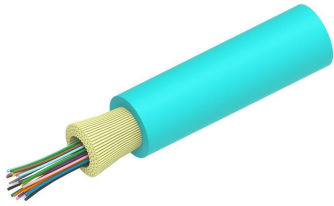
Regulatory Compliance/Certifications

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



Included Products

| | | |
|-------------------|---|--|
| 760235986 | – | LazrSPEED® Plenum MPO Light Duty Patchcord Cable, 24 fiber |
| P-024-MP-5G-F36LM | | |
| 860634624 | – | LazrSPEED® Elite MPO Female 24 Fiber Connector, lime green |
| 860634625 | – | LazrSPEED® Elite MPO Male 24 Fiber Connector, lime green |



LazrSPEED® Plenum MPO Light Duty Patchcord Cable, 24 fiber

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 |

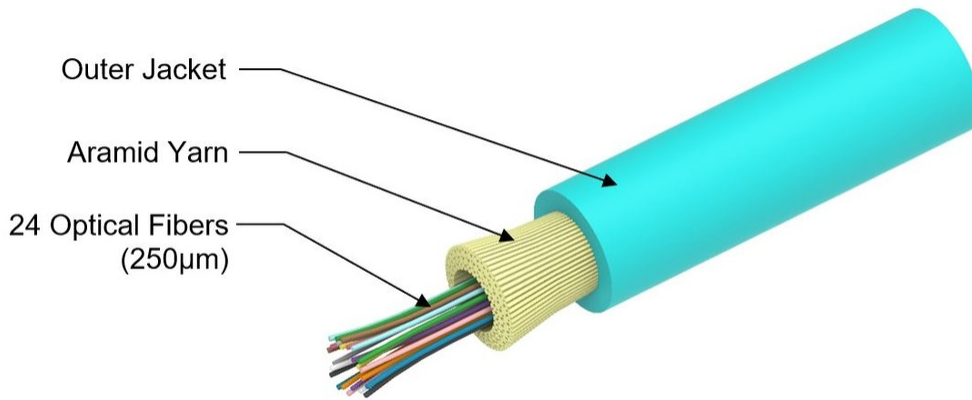
General Specifications

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

Dimensions

| | |
|-----------------------------|-------------------|
| Diameter Over Jacket | 3.6 mm 0.142 in |
|-----------------------------|-------------------|

Representative Image



Mechanical Specifications

| | |
|--|---------------------------------------|
| Minimum Bend Radius, loaded | 54 mm 2.126 in |
| Minimum Bend Radius, unloaded | 29 mm 1.142 in |
| Tensile Load, long term, maximum | 120 N 26.977 lbf |
| Tensile Load, short term, maximum | 400 N 89.924 lbf |
| Compression | 4 N/mm 22.841 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 | 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) |

760235986 | P-024-MP-5G-F36LM

| | |
|--------------------------------------|---------------------------------------|
| 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 | 12 kg/km 8.064 lb/kft |
|---------------------|-------------------------|

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 |



* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

LazrSPEED® Elite MPO Female 24 Fiber Connector, lime green

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 Female |
| Interface Feature | Standard |
| 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 | OM5, LazrSPEED® wideband |
| Insertion Loss Change, mating | 0.3 dB |
| Optical Components Standard | ANSI/TIA-568-C.3 |
| Insertion Loss Change, temperature | 0.3 dB |
| Insertion Loss, maximum | 0.27 dB |
| Insertion Loss, ULL, maximum | 0.2 dB |

860634624

Return Loss, minimum 27 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 |



* 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)

LazrSPEED® Elite MPO Male 24 Fiber Connector, lime green

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 Male |
| Interface Feature | Standard |
| 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 | OM5, LazrSPEED® wideband |
| Insertion Loss Change, mating | 0.3 dB |
| Optical Components Standard | ANSI/TIA-568-C.3 |
| Insertion Loss Change, temperature | 0.3 dB |
| Insertion Loss, maximum | 0.27 dB |
| Insertion Loss, ULL, maximum | 0.2 dB |

860634625

Return Loss, minimum 27 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 |



* 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)