# UJVQPUCT8

Base Product

Ultra Low Loss (ULL) OM5 MPO8 (Non-Pinned) to unconnectorized, 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** | Lime green |
| **Connector B, quantity** | 0 |
| **Construction Type** | Stranded |
| **Furcation Color** | Lime green |
| **Interface, Connector A** | MPO-08/UPC Female |
| **Interface, Connector B** | Unterminated |
| **Jacket Color** | Lime green |
| **Polarity** | Method B Enhanced (ULL) |
| **Fibers per Subunit, quantity** | 8 |
| **Total Fibers, quantity** | 8 |

## Dimensions

| | |
|---|---|
| **Breakout Length** | 22 in |
| **Cable Assembly Length Range (m)** | 3 – 305 |

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| | |
|---|---|
| **Cable Assembly Length Range (ft)** | 10 – 999 |

## Ordering Tree

| BASE CODE | – | N | . | . | . | . | . |
|---|---|---|---|---|---|---|---|

| Jacket Color | | Breakout Length / Option | | UOM | | Length |
|---|---|---|---|---|---|---|
| N | Lime green | J | Propel, 22 inch breakout, with cable management clip, no pulling grip | F | Feet | |
| | | K | Propel, 22 inch breakout, with cable management clip, with pulling grip | M | Meter | |

## 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** | Dual Rated LSZH/Riser | Indoor |

## Regulatory Compliance/Certifications

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

ANATEL

## Included Products

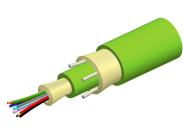| 760248170 | – | Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser MPO Trunk, 8 fiber with 2.0 |
|---|---|---|

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| N-008-MP-5G-F08LM/20T/D | | mm subunits, Multimode OM5, Feet jacket marking, Lime-green jacket color, Dca flame rating |
| 860659026 | – | MPO-08, ULTRA LOW LOSS, FEMALE, OM5, LIME-GREEN, 2mm |

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# 760248170   |   N-008-MP-5G-F08LM/20T/D

Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser MPO Trunk, 8 fiber with 2.0 mm subunits, Multimode OM5, Feet jacket marking, Lime-green 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** | Lime green |
| **Jacket Marking** | Feet |
| **Subunit, quantity** | 1 |
| **Total Fiber Count** | 8 |

## Dimensions

| | |
|---|---|
| **Buffer Tube/Subunit Diameter** | 3 mm   |   0.118 in |
| **Diameter Over Jacket** | 5.4 mm   |   0.213 in |

## Representative Image

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Outer Jacket
Ripcord
Aramid Yarn
Subunit with 250μm Fibers

## Mechanical Specifications

| | |
|---|---|
| **Minimum Bend Radius, loaded** | 81 mm | 3.189 in |
| **Minimum Bend Radius, unloaded** | 54 mm | 2.126 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** | 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** | OM5, LazrSPEED® wideband |

## Environmental Specifications

| | |
|---|---|
| **Installation temperature** | 0 °C to +60 °C (-32 °F to +140 °F) |
| **Operating Temperature** | -20 °C to +70 °C (-4 °F to +158 °F) |

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| | |
|---|---|
| **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** | -20 °C to +85 °C (-4 °F to +185 °F) |
| **Heat Age Test Method** | IEC 60794-1 F9 |
| **Low High Bend** | -20 °C to +70 °C (-4 °F to +158 °F) |
| **Low High Bend Test Method** | FOTP-37   \|   IEC 60794-1 E11 |
| **Temperature Cycle** | -20 °C to +70 °C (-4 °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 |

## * Footnotes

**Operating Temperature**   Specification applicable to non-terminated bulk fiber cable

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## MPO-08, ULTRA LOW LOSS, FEMALE, OM5, LIME-GREEN, 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** | 8 |

## Dimensions

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

## Material Specifications

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

## Optical Specifications

| | |
|---|---|
| **Fiber Mode** | Multimode |
| **Fiber Type** | OM5 |
| **Optical Components Standard** | ANSI/TIA-568-C.3 |
| **Insertion Loss, maximum** | 0.2 dB |
| **Return Loss, minimum** | 27 dB |

## Packaging and Weights

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# 860659026

**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 |

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