# UFGCSLU62

Base Product

## Ultra Low Loss (ULL) Singlemode, CS/UPC to LC/UPC Uniboot, 2.0 mm Duplex Fiber Patch Cord, Low Smoke Zero Halogen/Riser

- Patch cords using Uniboot technology combine, modularity, flexibility with easy insertion and removal from connectivity
- Uniboot connectors feature an adjustable polarity via a manual and independent rotation of each single connector body without exposing the fibers
- Uniboot technology features a push-pull mechanism operated by squeezing the connector boot

## Product Classification

| | |
|---|---|
| **Regional Availability** | Asia   \|   Australia/New Zealand   \|   Europe   \|   Latin America   \|   Middle East /Africa   \|   North America |
| **Portfolio** | CommScope® |
| **Product Type** | Fiber patch cord, duplex |
| **Product Brand** | SYSTIMAX ULL |
| **Product Series** | UFG |
| **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, connector A** | Blue |
| **Color, connector B** | Blue |
| **Interface, Connector A** | CS/UPC |
| **Interface Feature, connector A** | ULL |
| **Interface, Connector B** | LC/UPC |
| **Interface Feature, connector B** | ULL   \|   Uniboot |
| **Jacket Color** | Yellow |
| **Total Fibers, quantity** | 2 |

## Dimensions

| | |
|---|---|
| **Cable Assembly Length Range (m)** | 1 – 999 |
| **Cable Assembly Length Range (ft)** | 1 – 999 |
| **Diameter Over Jacket** | 2 mm   \|   0.079 in |

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## Ordering Tree

| BASE CODE | – | J | X | . | . | . | . |
|-----------|---|---|---|---|---|---|---|

| Jacket Color | | Breakout Length / Option | | UOM | | Length |
|---|---|---|---|---|---|---|
| J | Yellow | X | No breakout | F | Feet | |
| | | | | M | Meter | |
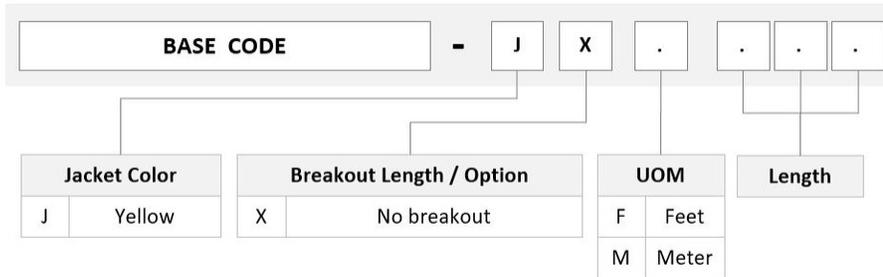
## Mechanical Specifications

**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**    Dual Rated LSZH/Riser

## Included Products

760251108
N-002-MP-8G1-F20YL/LTS/D    –    Fiber Indoor Cable, Low Smoke Zero Halogen Riser Light Duty Interconnect Cable, 2 fiber, gel-free, singlemode G.657.A2, feet jacket marking, yellow cable jacket color

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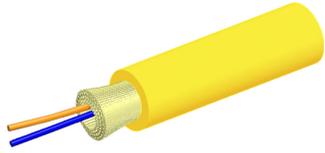
Fiber Indoor Cable, Low Smoke Zero Halogen Riser Light Duty Interconnect Cable, 2 fiber, gel-free, singlemode G.657.A2, feet jacket marking, yellow cable jacket color

## 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** | Yellow |
| **Jacket Marking** | Feet |
| **Total Fiber Count** | 2 |

## Dimensions

| | |
|---|---|
| **Diameter Over Jacket** | 2 mm  |  0.079 in |

## Representative Image

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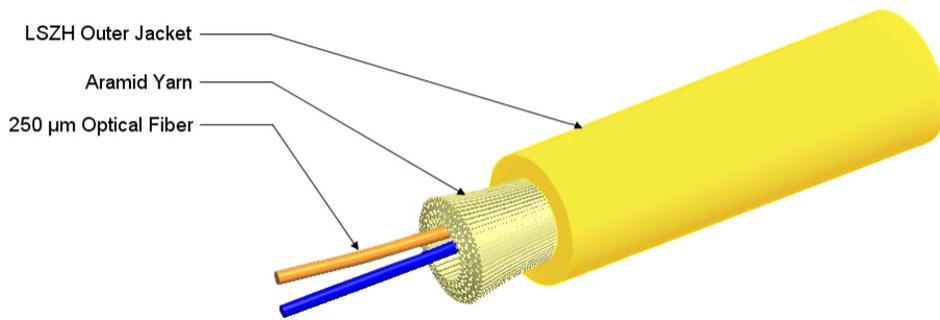
## Mechanical Specifications

| | |
|---|---|
| **Minimum Bend Radius, loaded** | 38 mm  \|  1.496 in |
| **Minimum Bend Radius, unloaded** | 16 mm  \|  0.63 in |
| **Tensile Load, long term, maximum** | 20 N  \|  4.496 lbf |
| **Tensile Load, short term, maximum** | 67 N  \|  15.062 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** | G.657.A2  \|  G.657.A2/B2  \|  OS2  \|  OS2 |

## Environmental Specifications

| | |
|---|---|
| **Installation temperature** | 0 °C to +60 °C (+32 °F to +140 °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) |

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| | |
|---|---|
| **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** | d0 |
| **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** | 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** | 3 kg/km　|　2.016 lb/kft |

## Regulatory Compliance/Certifications

| Agency | Classification |
|---|---|
| CHINA-ROHS | Below maximum concentration value |
| ROHS | Compliant |
| UK-ROHS | Compliant |

## * Footnotes

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

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