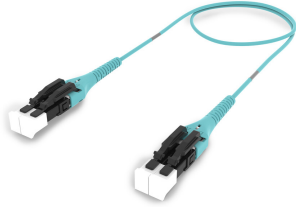


# UFXLULUK2

## Base Product



## Ultra Low Loss OM4, LC/UPC Uniboot to LC/UPC Uniboot, 1.5 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 complies with the Build America, Buy America Act (BABAA) requirements of the Infrastructure Investment and Jobs Act of 2021 (Pub. L. 117- 58, §§ 70901-70953), or is the subject of a waiver approved by the Secretary of Commerce or designee. Compliance requirements and waiver applicability vary based on government funding program. Check the laws and regulations for your specific program.

## Product Classification

|                              |  |
|------------------------------|--|
| <b>Regional Availability</b> | Asia   Australia/New Zealand   Europe   Latin America   Middle East /Africa   North America                              |
| <b>Portfolio</b>             | CommScope®   |
| <b>Product Type</b>          | Fiber patch cord, duplex   |
| <b>Product Brand</b>         | SYSTIMAX ULL   |
| <b>Product Series</b>        | UFX  |
| <b>Government Funding</b>    | Build America Buy America (BABA) compliant*  |
| <b>Ordering Note</b>         | For lengths greater than 999 ft (304 m), orders must be in meters   Minimum length may vary based on cable configuration |

## General Specifications

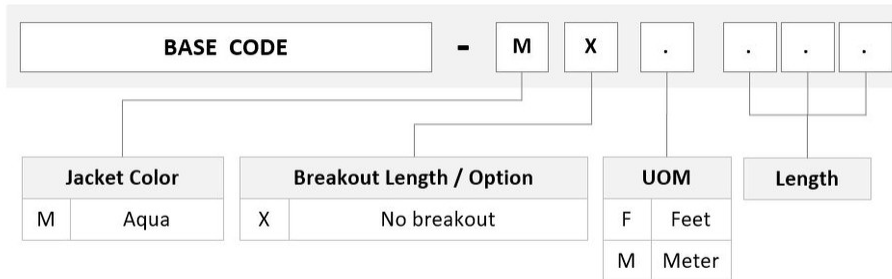
|                                       |         |
|---------------------------------------|---------|
| <b>Color, connector A</b>             | Beige   |
| <b>Color, connector B</b>             | Beige   |
| <b>Interface, Connector A</b>         | LC/UPC  |
| <b>Interface Feature, connector A</b> | Uniboot |
| <b>Interface, Connector B</b>         | LC/UPC  |
| <b>Interface Feature, connector B</b> | Uniboot |
| <b>Jacket Color</b>                   | Aqua    |
| <b>Total Fibers, quantity</b>         | 2       |

# UFXLULUK2

## Dimensions

|   |                   |
|---|-------------------|
| <b>Cable Assembly Length Range (m)</b>  | 1 – 999           |
| <b>Cable Assembly Length Range (ft)</b> | 1 – 999           |
| <b>Diameter Over Jacket</b>             | 1.5 mm   0.059 in |

## Ordering Tree



## Mechanical Specifications

|  |                                 |
|--|---------------------------------|
| <b>Cable Retention Strength, maximum</b> | 11.24 lb @ 0 °   4.40 lb @ 90 ° |
|--|---------------------------------|

## Optical Specifications

|                                |                 |
|--------------------------------|-----------------|
| <b>Fiber Mode</b>              | Multimode       |
| <b>Fiber Type</b>              | OM4, LazrSPEED® |
| <b>Insertion Loss, maximum</b> | 0.15 dB         |
| <b>Insertion Loss, typical</b> | 0.13 dB         |
| <b>Return Loss, minimum</b>    | 35 dB           |

## Environmental Specifications

|                              |                                      |
|------------------------------|--------------------------------------|
| <b>Operating Temperature</b> | -10 °C to +60 °C (+14 °F to +140 °F) |
| <b>Environmental Space</b>   | Dual Rated LSZH/Riser                |

## Regulatory Compliance/Certifications

| Agency        | Classification   |
|---------------|--|
| CHINA-ROHS    | Above maximum concentration value  |
| ISO 9001:2015 | Designed, manufactured and/or distributed under this quality management system |
| ROHS          | Compliant/Exempted   |

# UFXLULUK2

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UK-ROHS

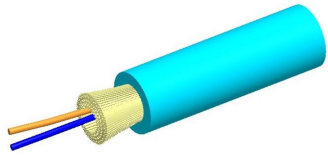
Compliant/Exempted



## Included Products

- 760251280  
N-002-DU-5K-M15AQ/AY/LTS – Fiber Indoor Cable, LazrSPEED® Low Smoke Zero Halogen Light Duty Interconnect, 2 fiber, Multimode OM4, Gel-free, Meters jacket marking, Aqua jacket color
- 860660825 – LC UniBoot 1.5 mm Multimode Aqua LC UNIBOOT duplex connector

# 760251280 | N-002-DU-5K-M15AQ/AY/LTS



Fiber Indoor Cable, LazrSPEED® Low Smoke Zero Halogen Light Duty Interconnect, 2 fiber, Multimode OM4, Gel-free, Meters jacket marking, Aqua jacket color

## Product Classification

|                              |                    |
|------------------------------|--------------------|
| <b>Regional Availability</b> | EMEA               |
| <b>Portfolio</b>             | CommScope®         |
| <b>Product Type</b>          | Fiber indoor cable |
| <b>Product Series</b>        | P-MP               |

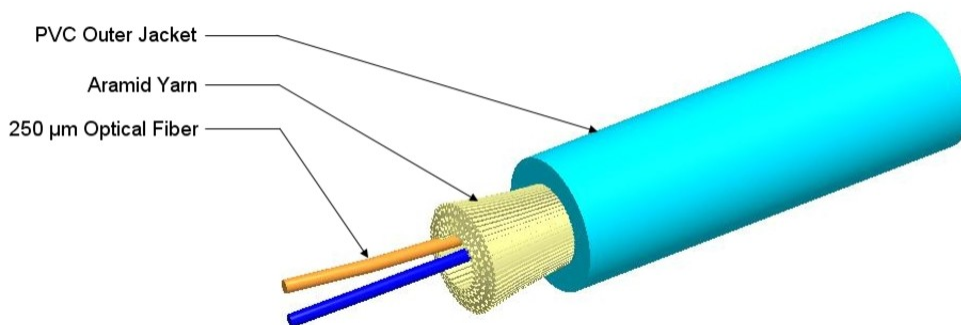
## General Specifications

|                          |                 |
|--------------------------|-----------------|
| <b>Cable Type</b>        | MPO trunk cable |
| <b>Construction Type</b> | Non-armored     |
| <b>Subunit Type</b>      | Gel-free        |
| <b>Jacket Color</b>      | Aqua            |
| <b>Jacket Marking</b>    | Meters          |
| <b>Total Fiber Count</b> | 2               |

## Dimensions

|                             |                   |
|-----------------------------|-------------------|
| <b>Diameter Over Jacket</b> | 1.5 mm   0.059 in |
|-----------------------------|-------------------|

## Representative Image



## Mechanical Specifications

|  |                                       |
|--|---------------------------------------|
| <b>Minimum Bend Radius, loaded</b>       | 30 mm   1.181 in                      |
| <b>Minimum Bend Radius, unloaded</b>     | 20 mm   0.787 in                      |
| <b>Tensile Load, long term, maximum</b>  | 30 N   6.744 lbf                      |
| <b>Tensile Load, short term, maximum</b> | 100 N   22.481 lbf                    |
| <b>Compression</b>                       | 4 N/mm   22.841 lb/in                 |
| <b>Compression Test Method</b>           | IEC 60794-1 E3                        |
| <b>Impact</b>                            | 0.74 N-m   6.55 in lb                 |
| <b>Impact Test Method</b>                | IEC 60794-1 E4                        |
| <b>Strain</b>                            | See long and short term tensile loads |
| <b>Strain Test Method</b>                | IEC 60794-1 E1                        |
| <b>Twist</b>                             | 10 cycles                             |
| <b>Twist Test Method</b>                 | IEC 60794-1 E7                        |

## Optical Specifications

|                   |                     |
|-------------------|---------------------|
| <b>Fiber Type</b> | OM4, LazrSPEED® 550 |
|-------------------|---------------------|

## Environmental Specifications

|                                      |                                      |
|--------------------------------------|--------------------------------------|
| <b>Installation temperature</b>      | 0 °C to +50 °C (+32 °F to +122 °F)   |
| <b>Operating Temperature</b>         | -10 °C to +60 °C (+14 °F to +140 °F) |
| <b>Storage Temperature</b>           | -40 °C to +70 °C (-40 °F to +158 °F) |
| <b>Cable Qualification Standards</b> | IEC 60794-1-2                        |
| <b>Environmental Space</b>           | Indoor                               |

## Environmental Test Specifications

|                                      |                                      |
|--------------------------------------|--------------------------------------|
| <b>Heat Age</b>                      | 0 °C to +85 °C (+32 °F to +185 °F)   |
| <b>Heat Age Test Method</b>          | IEC 60794-1 F9                       |
| <b>Low High Bend</b>                 | 0 °C to +70 °C (+32 °F to +158 °F)   |
| <b>Low High Bend Test Method</b>     | IEC 60794-1 E11                      |
| <b>Temperature Cycle</b>             | -10 °C to +60 °C (+14 °F to +140 °F) |
| <b>Temperature Cycle Test Method</b> | IEC 60794-1 F1                       |

## Packaging and Weights

**Cable weight** 2.1 kg/km | 1.411 lb/kft

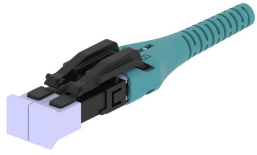
## Regulatory Compliance/Certifications

| Agency     | Classification   |
|------------|--|
| CHINA-ROHS | Below maximum concentration value  |
| REACH-SVHC | Compliant as per SVHC revision on <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a> |
| ROHS       | Compliant  |
| UK-ROHS    | Compliant  |



### \* Footnotes

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



LC UniBoot 1.5 mm Multimode Aqua LC UNIBOOT duplex connector

## Product Classification

|                              |   |
|------------------------------|---|
| <b>Regional Availability</b> | Asia   Australia/New Zealand   EMEA   Latin America   North America |
| <b>Portfolio</b>             | CommScope®  |
| <b>Product Type</b>          | Fiber connector   |
| <b>Product Brand</b>         | LazrSPEED®   SYSTIMAX ULL   |
| <b>Product Series</b>        | Uniboot   |

## General Specifications

|                          |         |
|--------------------------|---------|
| <b>Body Style</b>        | Duplex  |
| <b>Color</b>             | Beige   |
| <b>Interface</b>         | LC/UPC  |
| <b>Interface Feature</b> | Uniboot |

## Dimensions

|                                  |                   |
|----------------------------------|-------------------|
| <b>Compatible Cable Diameter</b> | 1.5 mm   0.059 in |
|----------------------------------|-------------------|

## Material Specifications

|                         |          |
|-------------------------|----------|
| <b>Ferrule Material</b> | Zirconia |
|-------------------------|----------|

## Mechanical Specifications

|  |                                 |
|--|---------------------------------|
| <b>Cable Retention Strength, maximum</b> | 11.24 lb @ 0 °   4.40 lb @ 90 ° |
|--|---------------------------------|

## Optical Specifications

|                                      |                  |
|--------------------------------------|------------------|
| <b>Fiber Mode</b>                    | Multimode        |
| <b>Insertion Loss Change, mating</b> | 0.3 dB           |
| <b>Optical Components Standard</b>   | ANSI/TIA-568-C.3 |
| <b>Insertion Loss, maximum</b>       | 0.1 dB           |
| <b>Insertion Loss, ULL, maximum</b>  | 0.15 dB          |

# 860660825

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|                                     |         |
|-------------------------------------|---------|
| <b>Insertion Loss, ULL, typical</b> | 0.13 dB |
| <b>Return Loss, minimum</b>         | 35 dB   |

## Packaging and Weights

|                           |   |
|---------------------------|---|
| <b>Packaging quantity</b> | 1 |
|---------------------------|---|

## \* Footnotes

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