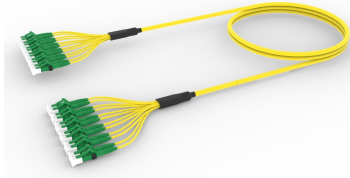


# UNGLALACD

## Base Product



Ultra Low Loss ULL TeraSPEED® LC/APC to LC/APC Ruggedized fanout Cable, 12-Fiber, LSZH, 12 fiber PmP 2.0 mm Dca

## 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>          | Ruggedized fanout  |
| <b>Product Brand</b>         | SYSTIMAX ULL   |
| <b>Ordering Note</b>         | 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

|                                       |          |
|---------------------------------------|----------|
| <b>Color, boot A</b>                  | Green    |
| <b>Color, connector A</b>             | Green    |
| <b>Color, boot B</b>                  | Green    |
| <b>Color, connector B</b>             | Green    |
| <b>Construction Type</b>              | Stranded |
| <b>Furcation Color</b>                | Yellow   |
| <b>Interface, Connector A</b>         | LC/APC   |
| <b>Interface Feature, connector A</b> | ULL      |
| <b>Interface, Connector B</b>         | LC/APC   |
| <b>Interface Feature, connector B</b> | ULL      |
| <b>Jacket Color</b>                   | Yellow   |
| <b>Fibers per Subunit, quantity</b>   | 12       |
| <b>Total Fibers, quantity</b>         | 12       |

## Dimensions

|   |          |
|---|----------|
| <b>Cable Assembly Length Range (m)</b>  | 3 – 305  |
| <b>Cable Assembly Length Range (ft)</b> | 10 – 999 |

# UNGLALACD

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## Optical Specifications

|                   |                      |
|-------------------|----------------------|
| <b>Fiber Mode</b> | Singlemode           |
| <b>Fiber Type</b> | G.657.A2, TeraSPEED® |

## Environmental Specifications

|   |                                      |
|---|--------------------------------------|
| <b>Operating Temperature</b>                        | -10 °C to +60 °C (+14 °F to +140 °F) |
| <b>EN50575 CPR Cable EuroClass Fire Performance</b> | Dca                                  |
| <b>Environmental Space</b>                          | Dual Rated LSZH/Riser   Indoor       |

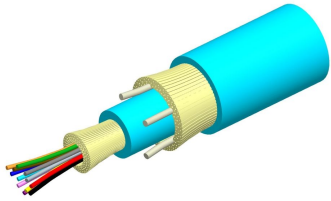
## Regulatory Compliance/Certifications

| <b>Agency</b> | <b>Classification</b>  |
|---------------|--|
| ANATEL        | Compliant  |
| 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 <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a> |
| ROHS          | Compliant  |
| UK-ROHS       | Compliant  |



## Included Products

|                                      |   |   |
|--------------------------------------|---|---|
| 760242307<br>N-012-MP-8G-F12YL/20T/D | – | Fiber indoor cable, Low Smoke Zero Halogen Riser MPO Trunk, with 2.0mm Subunits, 12 fiber, Singlemode G.657.A2/B2, Gel-free, Feet jacket marking, Yellow jacket color, Dca Flame rating |
|--------------------------------------|---|---|



Fiber indoor cable, Low Smoke Zero Halogen Riser MPO Trunk, with 2.0 mm Subunits, 12 fiber, Singlemode G.657.A2/B2, Gel-free, Feet jacket marking, Yellow jacket color, Dca Flame rating

## Product Classification

|                              |   |
|------------------------------|---|
| <b>Regional Availability</b> | Asia   Australia/New Zealand   EMEA   Latin America   North America |
| <b>Portfolio</b>             | CommScope®  |
| <b>Product Type</b>          | Fiber indoor cable  |
| <b>Product Series</b>        | N-MP  |

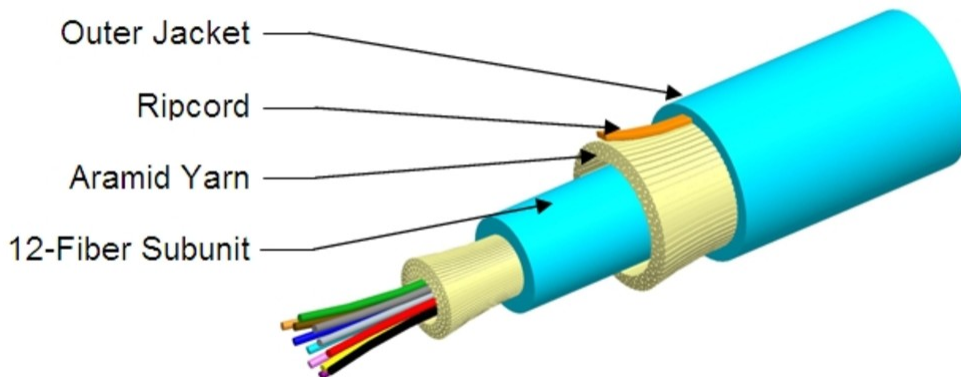
## General Specifications

|                          |                 |
|--------------------------|-----------------|
| <b>Cable Type</b>        | MPO trunk cable |
| <b>Construction Type</b> | Non-armored     |
| <b>Subunit Type</b>      | Gel-free        |
| <b>Jacket Color</b>      | Yellow          |
| <b>Jacket Marking</b>    | Feet            |
| <b>Total Fiber Count</b> | 12              |

## Dimensions

|                                     |                   |
|-------------------------------------|-------------------|
| <b>Buffer Tube/Subunit Diameter</b> | 2 mm   0.079 in   |
| <b>Diameter Over Jacket</b>         | 4.7 mm   0.185 in |

## Representative Image



## Mechanical Specifications

|  |                                       |
|--|---------------------------------------|
| <b>Minimum Bend Radius, loaded</b>       | 71 mm   2.795 in                      |
| <b>Minimum Bend Radius, unloaded</b>     | 47 mm   1.85 in                       |
| <b>Tensile Load, long term, maximum</b>  | 133 N   29.9 lbf                      |
| <b>Tensile Load, short term, maximum</b> | 445 N   100.04 lbf                    |
| <b>Compression</b>                       | 10 N/mm   57.101 lb/in                |
| <b>Compression Test Method</b>           | FOTP-41   IEC 60794-1 E3              |
| <b>Flex</b>                              | 300 cycles                            |
| <b>Flex Test Method</b>                  | FOTP-104   IEC 60794-1 E6             |
| <b>Impact</b>                            | 2.94 N-m   26.021 in lb               |
| <b>Impact Test Method</b>                | FOTP-25   IEC 60794-1 E4              |
| <b>Strain</b>                            | See long and short term tensile loads |
| <b>Strain Test Method</b>                | FOTP-33   IEC 60794-1 E1              |
| <b>Twist</b>                             | 10 cycles                             |
| <b>Twist Test Method</b>                 | FOTP-85   IEC 60794-1 E7              |
| <b>Vertical Rise, maximum</b>            | 500 m   1,640.42 ft                   |

## Optical Specifications

|                   |                           |
|-------------------|---------------------------|
| <b>Fiber Type</b> | G.657.A2/B2   G.657.A2/B2 |
|-------------------|---------------------------|

## Environmental Specifications

|                                 |                                    |
|---------------------------------|------------------------------------|
| <b>Installation temperature</b> | 0 °C to +60 °C (+32 °F to +140 °F) |
|---------------------------------|------------------------------------|

# 760242307 | N-012-MP-8G-F12YL/20T/D

|   |   |
|---|---|
| <b>Operating Temperature</b>                        | 0 °C to +70 °C (+32 °F to +158 °F)                          |
| <b>Storage Temperature</b>                          | -40 °C to +70 °C (-40 °F to +158 °F)                        |
| <b>Cable Qualification Standards</b>                | ANSI/ICEA S-83-596   Telcordia GR-409                       |
| <b>EN50575 CPR Cable EuroClass Fire Performance</b> | Dca   |
| <b>EN50575 CPR Cable EuroClass Smoke Rating</b>     | s1a   |
| <b>EN50575 CPR Cable EuroClass Droplets Rating</b>  | d1  |
| <b>EN50575 CPR Cable EuroClass Acidity Rating</b>   | a1  |
| <b>Environmental Space</b>                          | Low Smoke Zero Halogen (LSZH)   Riser                       |
| <b>Flame Test Listing</b>                           | NEC OFNR-ST1 (ETL) and c(ETL)                               |
| <b>Flame Test Method</b>                            | IEC 60332-3   IEC 60754-2   IEC 61034-2   UL 1666   UL 1685 |

## 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 +60 °C (+32 °F to +140 °F) |
| <b>Low High Bend Test Method</b>     | FOTP-37   IEC 60794-1 E11          |
| <b>Temperature Cycle</b>             | 0 °C to +70 °C (+32 °F to +158 °F) |
| <b>Temperature Cycle Test Method</b> | FOTP-3   IEC 60794-1 F1            |

## Packaging and Weights

|                     |                          |
|---------------------|--------------------------|
| <b>Cable weight</b> | 23 kg/km   15.455 lb/kft |
|---------------------|--------------------------|

## Regulatory Compliance/Certifications

| <b>Agency</b> | <b>Classification</b>  |
|---------------|--|
| CENELEC       | EN 50575 compliant, Declaration of Performance (DoP) available                 |
| ISO 9001:2015 | Designed, manufactured and/or distributed under this quality management system |



## \* Footnotes

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