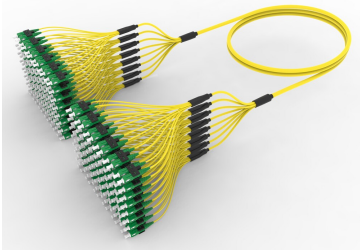


Base Product



Ultra Low Loss ULL TeraSPEED® SC/APC to SC/APC Ruggedized fanout Cable, 96-Fiber, LSZH, 12 fiber PmP 2.0 mm Dca

## Product Classification

|                       |  |
|-----------------------|--|
| Regional Availability | Asia   Australia/New Zealand   Europe   Latin America   Middle East/Africa   North America   |
| Portfolio             | CommScope®   |
| Product Type          | Ruggedized fanout  |
| Product Brand         | 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

|                                |          |
|--------------------------------|----------|
| Color, boot A                  | Green    |
| Color, connector A             | Green    |
| Color, boot B                  | Green    |
| Color, connector B             | Green    |
| Construction Type              | Stranded |
| Furcation Color                | Yellow   |
| Interface, Connector A         | SC/APC   |
| Interface Feature, connector A | ULL      |
| Interface, Connector B         | SC/APC   |
| Interface Feature, connector B | ULL      |
| Jacket Color                   | Yellow   |
| Fibers per Subunit, quantity   | 12       |
| Total Fibers, quantity         | 96       |

## Dimensions

|                                 |         |
|---------------------------------|---------|
| Cable Assembly Length Range (m) | 3 – 999 |
|---------------------------------|---------|

# UNGSASACL

Cable Assembly Length Range (ft) 8 – 999

## 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)

EN50575 CPR Cable EuroClass Fire Performance Dca

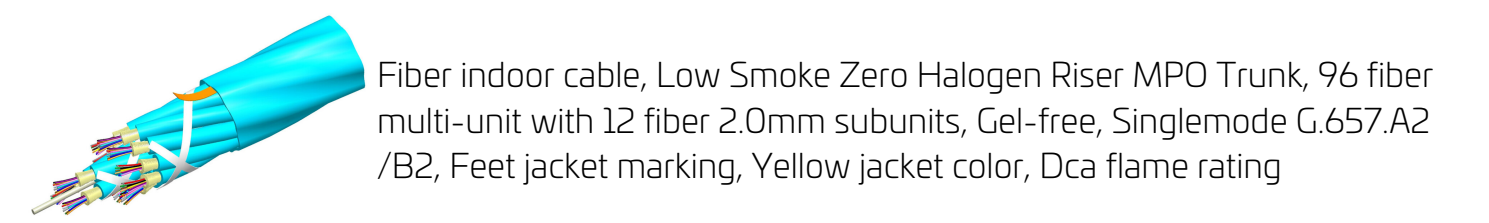
Environmental Space Dual Rated LSZH/Riser | Indoor

## Regulatory Compliance/Certifications

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

## Included Products

|                                      |  |
|--------------------------------------|--|
| 760242312<br>N-096-MP-8G-F12YL/20T/D | – Fiber indoor cable, Low Smoke Zero Halogen Riser MPO Trunk, 96 fiber multi-unit with 12 fiber 2.0mm subunits, Gel-free, Singlemode G.657.A2/B2, Feet jacket marking, Yellow jacket color, Dca flame rating |
|--------------------------------------|--|



Fiber indoor cable, Low Smoke Zero Halogen Riser MPO Trunk, 96 fiber multi-unit with 12 fiber 2.0mm subunits, Gel-free, Singlemode G.657.A2 /B2, Feet jacket marking, Yellow 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  |

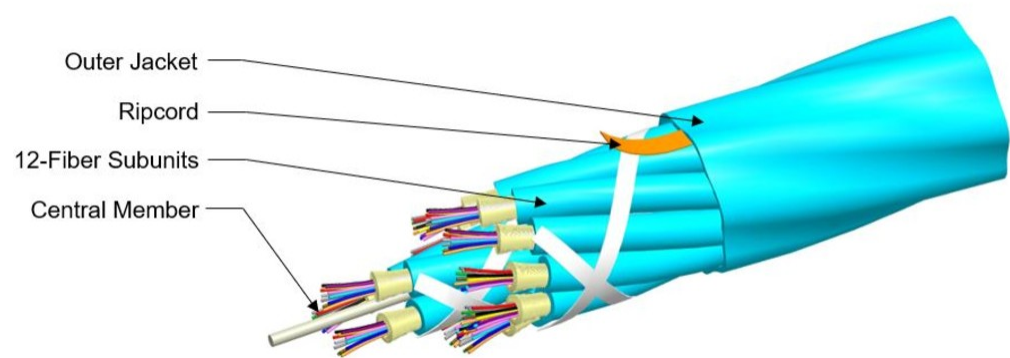
General Specifications

|                              |                 |
|------------------------------|-----------------|
| Cable Type                   | MPO trunk cable |
| Construction Type            | Non-armored     |
| Subunit Type                 | Gel-free        |
| Jacket Color                 | Yellow          |
| Jacket Marking               | Feet            |
| Subunit, quantity            | 8               |
| Fibers per Subunit, quantity | 12              |
| Total Fiber Count            | 96              |

Dimensions

|                              |                   |
|------------------------------|-------------------|
| Buffer Tube/Subunit Diameter | 2 mm   0.079 in   |
| Diameter Over Jacket         | 9.3 mm   0.366 in |

Representative Image



## Mechanical Specifications

|                                   |                                       |
|-----------------------------------|---------------------------------------|
| Minimum Bend Radius, loaded       | 139 mm   5.472 in                     |
| Minimum Bend Radius, unloaded     | 93 mm   3.661 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                              | 25 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            | 233 m   764.436 ft                    |

## Optical Specifications

|            |                           |
|------------|---------------------------|
| Fiber Type | G.657.A2/B2   G.657.A2/B2 |
|------------|---------------------------|

## 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) |

# 760242312 | N-096-MP-8G-F12YL/20T/D

|  |   |
|--|---|
| 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                            | CSA FT4   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 +60 °C (+32 °F to +140 °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 | 76.6 kg/km   51.473 lb/kft |
|--------------|----------------------------|

## Regulatory Compliance/Certifications

| Agency        | Classification   |
|---------------|--|
| 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