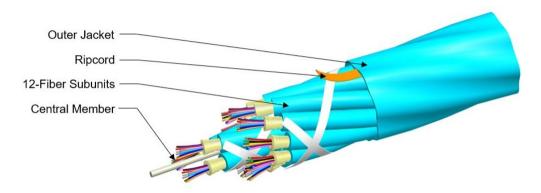
# N-096-MP-8F-F24

Fiber indoor cable, Low Smoke Zero Halogen Riser MPO Trunk, 96 fiber multi-unit with 24 fiber subunits, Gel-free, Singlemode G.657.A1, Feet jacket marking, Dca flame rating

#### Product Classification

| Regional Availability        | Asia   Australia/New Zealand   EMEA   Latin America   North<br>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 Marking               | Feet                                                                   |
| Subunit, quantity            | 4                                                                      |
| Fibers per Subunit, quantity | 24                                                                     |
| Total Fiber Count            | 96                                                                     |
| Dimensions                   |                                                                        |
| Buffer Tube/Subunit Diameter | 3.6 mm   0.142 in                                                      |
| Diameter Over Jacket         | 10.35 mm   0.407 in                                                    |

#### Representative Image



Page 1 of 3

©2024 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: May 17, 2024



## N-096-MP-8F-F24

### Mechanical Specifications

| Minimum Bend Radius, loaded       | 155 mm   6.102 in                     |
|-----------------------------------|---------------------------------------|
| Minimum Bend Radius, unloaded     | 103 mm   4.055 in                     |
| Tensile Load, long term, maximum  | 400 N   89.924 lbf                    |
| Tensile Load, short term, maximum | 1335 N   300.12 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                            | 5.88 N-m   52.042 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            | 493 m   1,617.454 ft                  |

### Environmental Specifications

| Installation temperature                     | -20 °C to +60 °C (-4 °F to +140 °F)                         |
|----------------------------------------------|-------------------------------------------------------------|
| Operating Temperature                        | -20 °C to +70 °C (-4 °F to +158 °F)                         |
| 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     | s2                                                          |
| 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)

Page 2 of 3

©2024 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: May 17, 2024



### N-096-MP-8F-F24

| 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 Met               | hod                                                            | 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 \<br>Cable weight      | Weights                                                        | 82.9 kg/km   55.706 lb/kft                       |
| Regulatory Compliance/Certifications |                                                                |                                                  |
| Agency                               | Classification                                                 |                                                  |
| CENELEC                              | EN 50575 compliant, Declaration of Performance (DoP) available |                                                  |
| ISO 9001:2015<br>Cenelec             | Designed, manufactured and/or                                  | distributed under this quality management system |
| * Footnotes                          |                                                                |                                                  |

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

Page 3 of 3

©2024 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: May 17, 2024

