## 760250122 | N-048-DS-5Y-MMUAQ/093



Fiber indoor cable, Low Smoke Zero Halogen Distribution, 48 fiber multiunit, Multimode OM3, Meters jacket marking, Aqua jacket color

China

## Product Classification

| Regional Availability        | Asia   Australia/New Zealand |
|------------------------------|------------------------------|
| Portfolio                    | CommScope®                   |
| Product Type                 | Fiber indoor cable           |
| Product Series               | N-DS                         |
| General Specifications       |                              |
| Cable Type                   | Distribution                 |
| Construction Type            | Non-armored                  |
| Subunit Type                 | Gel-free                     |
| Jacket Color                 | Aqua                         |
| Jacket Marking               | Meters                       |
| Subunit, quantity            | 4                            |
| Fibers per Subunit, quantity | 12                           |
| Total Fiber Count            | 48                           |
| Dimensions                   |                              |
| Buffer Tube/Subunit Diameter | 6 mm   0.236 in              |
| Diameter Over Jacket         | 17.9 mm   0.705 in           |

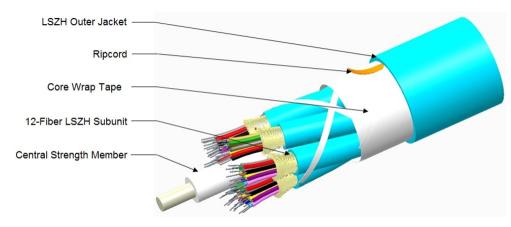
## Representative Image

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## Mechanical Specifications

| Minimum Bend Radius, loaded                 | 358 mm   14.094 in                          |  |
|---|---|--|
| Minimum Bend Radius, unloaded               | 179 mm   7.047 in                           |  |
| Tensile Load, long term, maximum            | 396 N   89.024 lbf                          |  |
| Tensile Load, short term, maximum           | 1320 N   296.748 lbf                        |  |
| Compression                                 | 10 N/mm   57.101 lb/in                      |  |
| Compression Test Method                     | IEC 60794-1-21 E3                           |  |
| Strain                                      | See long and short term tensile loads       |  |
| Strain Test Method                          | IEC 60794-1-21 E1                           |  |
| Twist                                       | 10 cycles                                   |  |
| Optical Specifications                      |   |  |
| Fiber Type                                  | OM3   |  |
| Optical Specifications, Wavelength Specific |   |  |
| Attenuation, maximum                        | 1.00 dB/km @ 1,300 nm   3.00 dB/km @ 850 nm |  |
|   |   |  |
| Environmental Specifications                |   |  |
| Installation temperature                    | -10 °C to +60 °C (+14 °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)        |  |
|   |   |  |
| Environmental Space                         | Low Smoke Zero Halogen (LSZH)               |  |
| Environmental Space<br>Flame Test Listing   | х, , , , , , , , , , , , , , , , , , ,      |  |

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#### **Environmental Test Specifications**

#### **Temperature Cycle Test Method**

IEC 60794-1-22 F1

#### Included Products

CS-5Y-TB-3.0/1.0/093 - OM3 Bend-Insensitive Multimode Fiber

### \* Footnotes

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

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