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 |

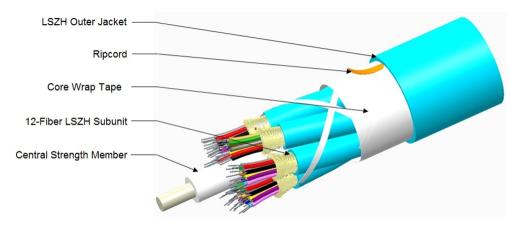
Representative Image

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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 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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