



Fiber indoor cable, Low Smoke Zero Halogen Distribution, 12 fiber single-unit, Multimode OM3, Meters jacket marking, Aqua jacket color

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 |
| Fiber Type, quantity | 12 |
| Jacket Color | Aqua |
| Jacket Marking | Meters |
| Subunit Type | Gel-free |
| Total Fiber Count | 12 |

Dimensions

| | |
|-----------------------------|-------------------|
| Diameter Over Jacket | 6.2 mm 0.244 in |
|-----------------------------|-------------------|

Representative Image



Mechanical Specifications

| | |
|--|------------------------|
| Minimum Bend Radius, loaded | 124 mm 4.882 in |
| Minimum Bend Radius, unloaded | 62 mm 2.441 in |
| Tensile Load, long term, maximum | 198 N 44.512 lbf |
| Tensile Load, short term, maximum | 660 N 148.374 lbf |
| Compression | 10 N/mm 57.101 lb/in |
| Compression Test Method | IEC 60794-1 E3 |
| Strain Test Method | IEC 60794-1-21 E1 |

Optical Specifications

| | |
|-------------------|-----|
| Fiber Type | OM3 |
|-------------------|-----|

Optical Specifications, Wavelength Specific

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|-----------------------------|---|
| Attenuation, maximum | 1.00 dB/km @ 1,300 nm 3.00 dB/km @ 850 nm |
|-----------------------------|---|

Environmental Specifications

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|---------------------------------|--|
| 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) Riser |
| Flame Test Listing | NEC OFNR (UL) and c(UL) |
| Flame Test Method | IEC 60332-1 IEC 60332-3-24 UL 1666 |

Environmental Test Specifications

Temperature Cycle Test Method IEC 60794-1 F1

Regulatory Compliance/Certifications

| Agency | Classification |
|------------|--|
| CHINA-ROHS | Below maximum concentration value |
| REACH-SVHC | Compliant as per SVHC revision on www.commscope.com/ProductCompliance |
| ROHS | Compliant |



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