# 760254208   |   C-006-DS-5X-MSUAQ



Fiber indoor/outdoor cable, LSZH Riser Distribution, 6 fiber single-unit, Multimode OM4 bend insensitive, Meters jacket marking, Aqua jacket color

## Product Classification

| | |
|---|---|
| **Regional Availability** | Asia   |   Australia/New Zealand |
| **Portfolio** | CommScope® |
| **Product Type** | Fiber indoor/outdoor cable |
| **Product Series** | C-DS |

## General Specifications

| | |
|---|---|
| **Cable Type** | Tight buffer |
| **Jacket Color** | Aqua |
| **Jacket Marking** | Meters |
| **Strength Members** | E-glass yarns |
| **Total Fiber Count** | 6 |

## Dimensions

| | |
|---|---|
| **Diameter Over Jacket** | 4.8 mm   |   0.189 in |

## Material Specifications

| | |
|---|---|
| **Jacket Material** | Low Smoke Zero Halogen (LSZH) |
| **Inner Jacket Material** | Low Smoke Zero Halogen (LSZH) |

## Mechanical Specifications

| | |
|---|---|
| **Minimum Bend Radius, loaded** | 96 mm   |   3.78 in |
| **Minimum Bend Radius, unloaded** | 48 mm   |   1.89 in |
| **Tensile Load, short term, maximum** | 600 N   |   134.885 lbf |
| **Compression** | 5 N/mm   |   28.551 lb/in |
| **Compression Test Method** | IEC 60794-1-21 E3 |
| **Impact** | 1 N-m   |   8.851 in lb |
| **Impact Test Method** | IEC 60794-1-21 E4 |
| **Strain Test Method** | IEC 60794-1-21 E1 |

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| | |
|---|---|
| **Twist** | 10 cycles |
| **Twist Test Method** | IEC 60794-1-21 E7 |

## Optical Specifications

| | |
|---|---|
| **Fiber Type** | OM4, bend insensitive |

## Optical Specifications, Wavelength Specific

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

## Environmental Specifications

| | |
|---|---|
| **Installation temperature** | 0 °C to +50 °C (+32 °F to +122 °F) |
| **Operating Temperature** | -10 °C to +70 °C (+14 °F to +158 °F) |
| **Storage Temperature** | -10 °C to +60 °C (+14 °F to +140 °F) |
| **Environmental Space** | Low Smoke Zero Halogen (LSZH) |
| **Flame Test Method** | IEC 60332-3-24 |
| **Water Penentration Test Method** | IEC 60794-1 F5C |

## Environmental Test Specifications

| | |
|---|---|
| **Temperature Cycle Test Method** | IEC 60794-1-22 F1 |

## Packaging and Weights

| | |
|---|---|
| **Cable weight** | 22 kg/km  |  14.783 lb/kft |

## 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 |
| UK-ROHS | Compliant |

## * Footnotes

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

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