# 760126565　|　R-008-DZ-5L-FSUAQ

Fiber indoor cable, LazrSPEED® Riser Distribution Interlocking Aluminum Armored with Riser Jacket 8-Fiber Single-Unit, Gel-free, Multimode OM3, Feet jacket marking, Aqua jacket color

## Product Classification

| | |
|---|---|
| **Regional Availability** | Asia　\|　Australia/New Zealand　\|　Latin America　\|　Middle East/Africa　\|　North America |
| **Portfolio** | CommScope® |
| **Product Type** | Fiber indoor cable |
| **Product Series** | R-DZ |

## General Specifications

| | |
|---|---|
| **Armor Type** | Interlocking aluminum |
| **Cable Type** | Distribution |
| **Construction Type** | Armored |
| **Subunit Type** | Gel-free |
| **Jacket Color** | Aqua |
| **Jacket Marking** | Feet |
| **Total Fiber Count** | 8 |

## Dimensions

| | |
|---|---|
| **Diameter Over Armor** | 10.8 mm　\|　0.425 in |
| **Diameter Over Jacket** | 12.8 mm　\|　0.504 in |

## Representative Image

COMMSCOPE®

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Outer Jacket
Interlocking Aluminum Armor
Internal Riser Distribution Cable
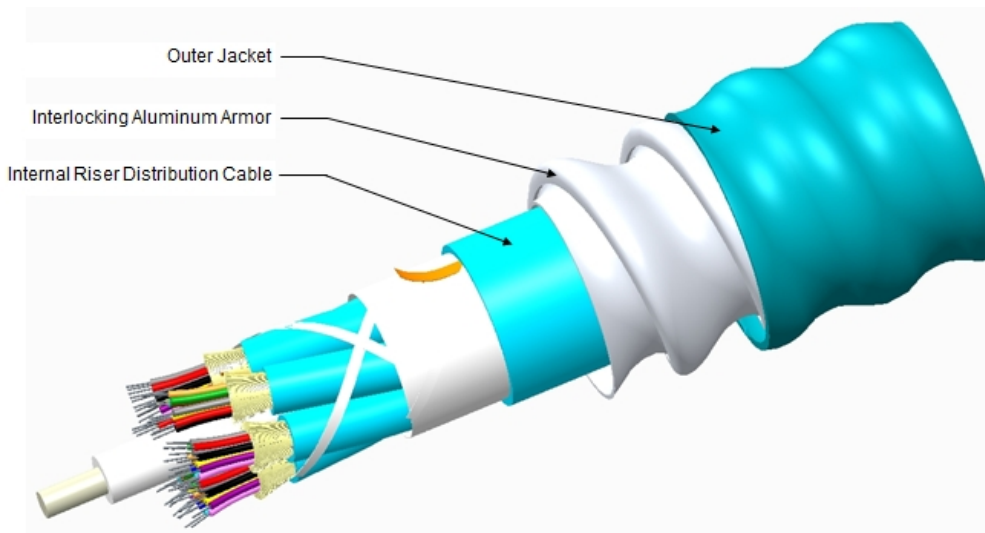
## Mechanical Specifications

| | |
|---|---|
| **Minimum Bend Radius, loaded** | 192 mm   \|   7.559 in |
| **Minimum Bend Radius, unloaded** | 128 mm   \|   5.039 in |
| **Tensile Load, long term, maximum** | 200 N   \|   44.962 lbf |
| **Tensile Load, short term, maximum** | 667 N   \|   149.948 lbf |
| **Compression** | 85 N/mm   \|   485.363 lb/in |
| **Compression Test Method** | FOTP-41   \|   IEC 60794-1 E3 |
| **Flex** | 25 cycles |
| **Flex Test Method** | FOTP-104   \|   IEC 60794-1 E6 |
| **Impact** | 35 N-m   \|   309.776 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** | 147 m   \|   482.283 ft |

## Optical Specifications

| | |
|---|---|
| **Fiber Type** | OM3, LazrSPEED® 300   \|   OM3, LazrSPEED® 300 |

## Environmental Specifications

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| | |
|---|---|
| **Installation temperature** | -20 °C to +70 °C (-4 °F to +158 °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 |
| **Environmental Space** | Riser |
| **Flame Test Listing** | NEC OFCR (ETL) and c(ETL) |
| **Flame Test Method** | UL 1666 |

## Environmental Test Specifications

| | |
|---|---|
| **Heat Age** | -20 °C to +85 °C (-4 °F to +185 °F) |
| **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 Method** | 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 Weights

| | |
|---|---|
| **Cable weight** | 139 kg/km   |   93.404 lb/kft |

## Regulatory Compliance/Certifications

| Agency | Classification |
|---|---|
| ISO 9001:2015 | Designed, manufactured and/or distributed under this quality management system |

**ISO**
**9001:2015**

## Included Products

| | | |
|---|---|---|
| CS-5L-TB | – | LazrSPEED® 300 OM3 Bend-Insensitive Multimode Fiber |

## * Footnotes

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

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