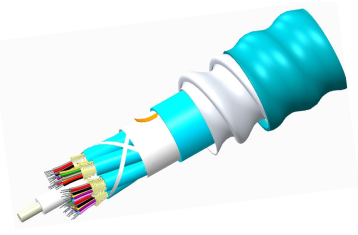
# 760125880 | N-060-DZ-CM-FMUAQ/8W012/5L048



Fiber indoor cable, TeraSPEED® LSZH Riser Distribution, singlemode /multimode, interlocking aluminum armored, 60 fiber multi-unit with 12 fiber subunits, Feet jacket marking, Aqua jacket color

## Product Classification

| | |
|---|---|
| **Regional Availability** | Asia \| Australia/New Zealand \| EMEA \| Latin America \| North America |
| **Portfolio** | CommScope® |
| **Product Type** | Fiber indoor cable |
| **Product Series** | N-DS |

## General Specifications

| | |
|---|---|
| **Armor Type** | Interlocking aluminum |
| **Cable Type** | Distribution |
| **Construction Type** | Armored |
| **Subunit Type** | Gel-free |
| **Jacket Color** | Aqua |
| **Jacket Marking** | Feet |
| **Subunit, quantity** | 5 |
| **Fibers per Subunit, quantity** | 12 |
| **Composite Fiber Count** | 12 + 48 |
| **Total Fiber Count** | 60 |

## Dimensions

| | |
|---|---|
| **Buffer Tube/Subunit Diameter** | 6.07 mm \| 0.239 in |
| **Diameter Over Armor** | 24.77 mm \| 0.975 in |
| **Diameter Over Jacket** | 26.8 mm \| 1.055 in |

## Representative Image



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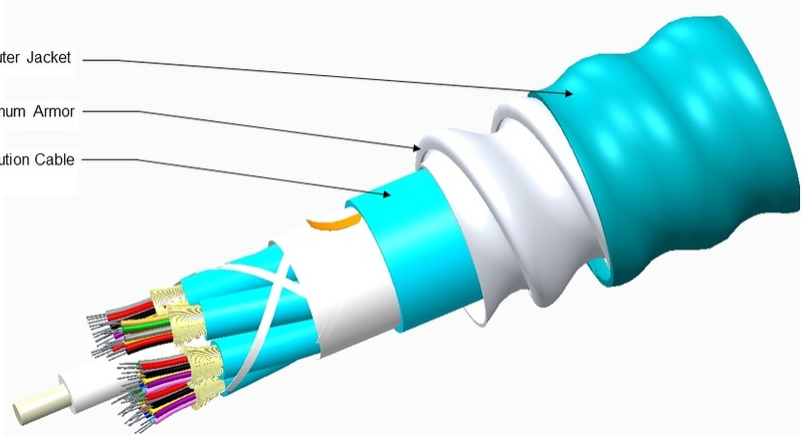


## Mechanical Specifications

| | |
|---|---|
| **Minimum Bend Radius, loaded** | 402 mm \| 15.827 in |
| **Minimum Bend Radius, unloaded** | 268 mm \| 10.551 in |
| **Tensile Load, long term, maximum** | 400 N \| 89.924 lbf |
| **Tensile Load, short term, maximum** | 1335 N \| 300.12 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** | 76 m \| 249.344 ft |

## Optical Specifications

| | |
|---|---|
| **Fiber Type** | Composite MM/SM \| G.652.D and G.657.A1, TeraSPEED® \| OM3, LazrSPEED® 300 |

## Environmental Specifications

| | |
|---|---|
| **Installation temperature** | -10 °C to +60 °C (+14 °F to +140 °F) |



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| | |
|---|---|
| **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** | Low Smoke Zero Halogen (LSZH) \| Riser |
| **Flame Test Listing** | NEC OFCR-ST1 (ETL) and c(ETL) |
| **Flame Test Method** | IEC 60332-3 \| IEC 60754-2 \| IEC 61034-2 \| UL 1666 \| UL 1685 |

## 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** | -10 °C to +60 °C (+14 °F to +140 °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** | 537 kg/km \| 360.847 lb/kft |

## Regulatory Compliance/Certifications

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

## Included Products

| | |
|---|---|
| CS-5L-TB | – LazrSPEED® 300 OM3 Bend-Insensitive Multimode Fiber |
| CS-8W-TB | – TeraSPEED® Singlemode Fiber |

## * Footnotes

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



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