# 760127894 | P-008-DZ-5M-FSUAQ

LazrSPEED® Plenum Distribution Cable, interlocking aluminum armored with plenum jacket, 8 fiber single-unit

**OBSOLETE**

This product was discontinued on: March 30, 2017

## Product Classification

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

## Mechanical Specifications

| | |
|---|---|
| **Minimum Bend Radius, loaded** | 257 mm  |  10.118 in |
| **Minimum Bend Radius, unloaded** | 180 mm  |  7.087 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** | 141 m  |  462.598 ft |

## Optical Specifications

| | |
|---|---|
| **Fiber Type** | OM2+, LazrSPEED® 150  |  OM2+, LazrSPEED® 150 |

## Environmental Specifications

| | |
|---|---|
| **Installation temperature** | 0 °C to +70 °C (+32 °F to +158 °F) |

COMMSCOPE®

| | |
|---|---|
| **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** | Plenum |
| **Flame Test Listing** | NEC OFCP (ETL) and c(ETL) |
| **Flame Test Method** | NFPA 130   |   NFPA 262 |

## 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** | 145 kg/km   |   97.436 lb/kft |

## Regulatory Compliance/Certifications

| Agency | Classification |
|---|---|
| CHINA-ROHS | Below maximum concentration value |
| ISO 9001:2015 | Designed, manufactured and/or distributed under this quality management system |
| 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

COMMSCOPE®