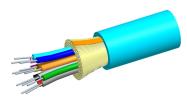# 760057117 | P-012-DS-CM-FSUAQ/8W006/5K006

Fiber indoor cable, TeraSPEED® Plenum Distribution, 12-Fiber Single-Unit, Multimode composite, 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** | P-DS |

## General Specifications

| | |
|---|---|
| **Cable Type** | Distribution |
| **Construction Type** | Non-armored |
| **Subunit Type** | Gel-free |
| **Jacket Color** | Aqua |
| **Jacket Marking** | Feet |
| **Composite Fiber Count** | 6 + 6 |
| **Total Fiber Count** | 12 |

## Dimensions

| | |
|---|---|
| **Diameter Over Jacket** | 5.77 mm | 0.227 in |

## Representative Image

COMMSCOPE®

## Mechanical Specifications

| | |
|---|---|
| **Minimum Bend Radius, loaded** | 86 mm   \|   3.386 in |
| **Minimum Bend Radius, unloaded** | 58 mm   \|   2.283 in |
| **Tensile Load, long term, maximum** | 200 N   \|   44.962 lbf |
| **Tensile Load, short term, maximum** | 667 N   \|   149.948 lbf |
| **Compression** | 10 N/mm   \|   57.101 lb/in |
| **Compression Test Method** | FOTP-41   \|   IEC 60794-1 E3 |
| **Flex** | 100 cycles |
| **Flex Test Method** | FOTP-104   \|   IEC 60794-1 E6 |
| **Impact** | 2.94 N-m   \|   26.021 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** | 500 m   \|   1,640.42 ft |

## Optical Specifications

| | |
|---|---|
| **Fiber Type** | Composite MM/SM   \|   G.652.D and G.657.A1, TeraSPEED®   \|   OM4, LazrSPEED® 550 |

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## Environmental Specifications

| | |
|---|---|
| **Installation temperature** | 0 °C to +70 °C (+32 °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** | Plenum |
| **Flame Test Listing** | NEC OFNP (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** | 31 kg/km   \|   20.831 lb/kft |

## Regulatory Compliance/Certifications

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

## Included Products

| | |
|---|---|
| CS-5K-TB | – LazrSPEED® 550 OM4 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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