#### P-012-DZ-CM-FSUAQ/8W006/5K006 760130187



Fiber Indoor cable, TeraSPEED® Plenum Distribution, interlocking aluminum armored with plenum jacket, 12 fiber single-unit, Gel-free, Singlemode + Multimode OM4, Feet jacket marking, Agua jacket color

### Product Classification

**Regional Availability** Asia | Australia/New Zealand | Latin America | Middle East/Africa | North

America

12

**Portfolio** CommScope®

Fiber indoor cable **Product Type** 

**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

**Composite Fiber Count** 6 + 6**Total Fiber Count** 

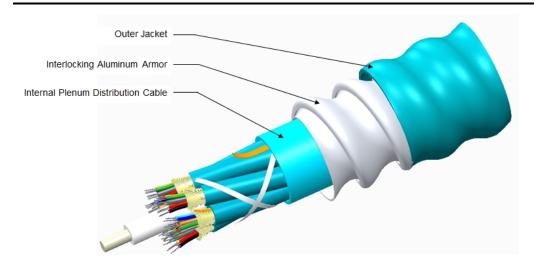
Dimensions

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

## Representative Image



# 760130187 | P-012-DZ-CM-FSUAQ/8W006/5K006



## Mechanical Specifications

Minimum Bend Radius, loaded192 mm7.559 inMinimum Bend Radius, unloaded128 mm5.039 inTensile Load, long term, maximum200 N | 44.962 lbfTensile Load, short term, maximum667 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** 136 m | 446.194 ft

Optical Specifications

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

## **Environmental Specifications**

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

Page 2 of 3



# 760130187 | P-012-DZ-CM-FSUAQ/8W006/5K006

**Operating Temperature** -20 °C to +70 °C (-4 °F to +158 °F)

**Storage Temperature**  $-40 \,^{\circ}\text{C to} + 70 \,^{\circ}\text{C} \, (-40 \,^{\circ}\text{F to} + 158 \,^{\circ}\text{F})$ 

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**  $-20 \,^{\circ}\text{C}$  to  $+85 \,^{\circ}\text{C}$   $(-4 \,^{\circ}\text{F to} +185 \,^{\circ}\text{F})$ 

**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** 151 kg/km | 101.467 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



### 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

COMMSC PE®