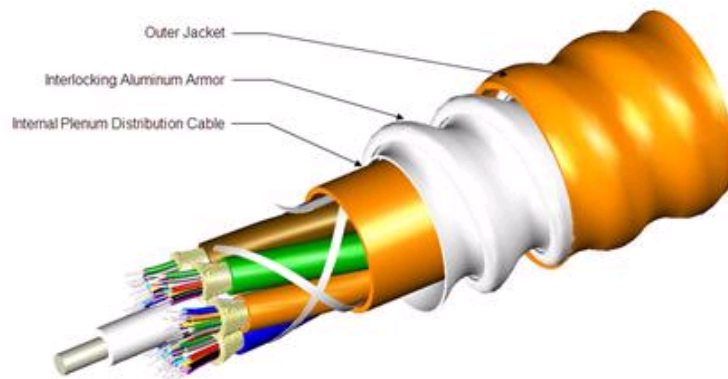


760128157 | P-002-DZ-8W-FSUYL

**Plenum Distribution Cable, interlocking aluminum armored with plenum jacket, 2 fiber single-unit**

## Representative Image



## General Specifications

Cable Type	Distribution
Construction Type	Armored
Subunit Type	Gel-free

## Construction Materials

Fiber Type Solution	TeraSPEED®, zero water peak singlemode fiber
Total Fiber Quantity	2
Armor Type	Interlocking aluminum
Fiber Type	TeraSPEED®, zero water peak singlemode fiber
Fiber Type, quantity	2
Jacket Color	Yellow

## Dimensions

Cable Weight	133.0 kg/km   89.0 lb/kft
Diameter Over Armor	10.80 mm   0.43 in
Diameter Over Jacket	12.80 mm   0.50 in

## Physical Specifications

Minimum Bend Radius, loaded	25.7 cm   10.1 in
Minimum Bend Radius, unloaded	18.0 cm   7.1 in
Tensile Load, long term, maximum	300 N   67 lbf

760128157 | P-002-DZ-8W-FSUYL

Tensile Load, short term, maximum 1001 N | 225 lbf  
Vertical Rise, maximum 231.0 m | 757.9 ft

## Flame Test Specifications

Flame Test Listing NEC OFCP (ETL) and c(ETL)  
Flame Test Method NFPA 262

## Environmental Specifications

Environmental Space Plenum  
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)

## Mechanical Test Specifications

Compression 485 lb/in | 85 N/mm  
Compression Test Method FOTP-41 | IEC 60794-1-2, Section 7  
Flex 25 cycles  
Flex Test Method FOTP-104 | IEC 60794-1-2, Section 10  
Impact 25.80 ft lb | 35.00 N-m  
Impact Test Method FOTP-25 | IEC 60794-1-2, Section 8  
Strain See long and short term tensile loads  
Strain Test Method FOTP-33 | IEC 60794-1-2, Section 5  
Twist 10 cycles  
Twist Test Method FOTP-85 | IEC 60794-1-2, Section 11

## Environmental Test Specifications

Heat Age -20 °C to +85 °C (-4 °F to +185 °F)  
Heat Age Test Method Not applicable  
Low High Bend -20 °C to +70 °C (-4 °F to +158 °F)  
Low High Bend Test Method FOTP-28 | IEC 60794-1-2, Section 28  
Temperature Cycle -20 °C to +70 °C (-4 °F to +158 °F)  
Temperature Cycle Test Method FOTP-3 | IEC 60794-1-2, Section 22

## Qualification Specifications

Cable Qualification Standards ANSI/ICEA S-83-596-2001 | Telcordia GR-409-CORE Issue 2

## Regulatory Compliance/Certifications

Agency	Classification
RoHS 2002/95/EC	Compliant
ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system



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760128157 | P-002-DZ-8W-FSUYL

## Included Products

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CS-8W-TB (Product Component—not orderable) — TeraSPEED® Singlemode Fiber