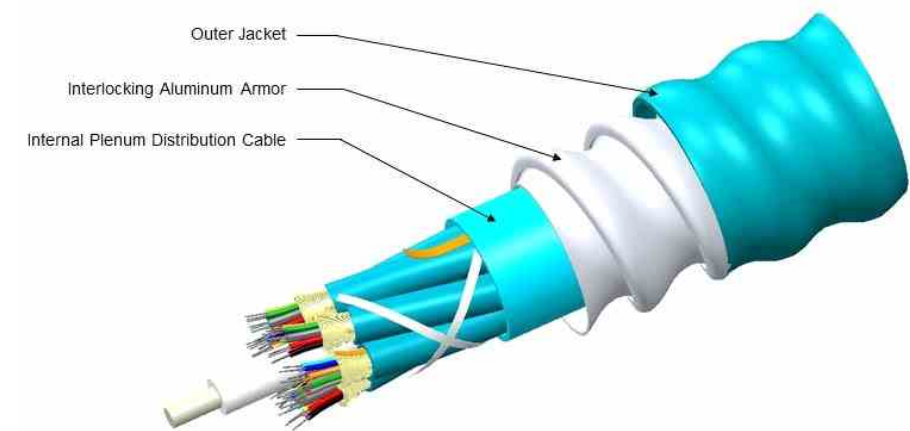


760127886 | P-024-DZ-8W-FSUYL  
**Plenum Distribution Cable, interlocking aluminum armored with plenum jacket, 24 fiber single-unit**

## 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 (G.652.D, G.657.A1)
Total Fiber Count	24
Armor Type	Interlocking aluminum
Fiber Type	TeraSPEED®, zero water peak singlemode fiber (G.652.D, G.657.A1)
Fiber Type, quantity	24
Jacket Color	Yellow

## Dimensions

Cable Weight	206.0 lb/kft   307.0 kg/km
Diameter Over Armor	13.34 mm   0.53 in
Diameter Over Jacket	17.40 mm   0.69 in

## Physical Specifications

Minimum Bend Radius, loaded	34.8 cm   13.7 in
Minimum Bend Radius, unloaded	24.4 cm   9.6 in
Tensile Load, long term, maximum	400 N   90 lbf
Tensile Load, short term, maximum	1335 N   300 lbf
Vertical Rise, maximum	133.0 m   436.4 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 E3
Flex	25 cycles
Flex Test Method	FOTP-104   IEC 60794-1 E6
Impact	25.80 ft lb   35.00 N-m
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

## 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

## Qualification Specifications

Cable Qualification Standards	ANSI/ICEA S-83-596   Telcordia GR-409
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## Regulatory Compliance/Certifications

Agency	Classification
RoHS 2011/65/EU	Compliant
ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system



## Included Products

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

## \* **Footnotes**

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Operating Temperature Specification applicable to non-terminated bulk fiber cable