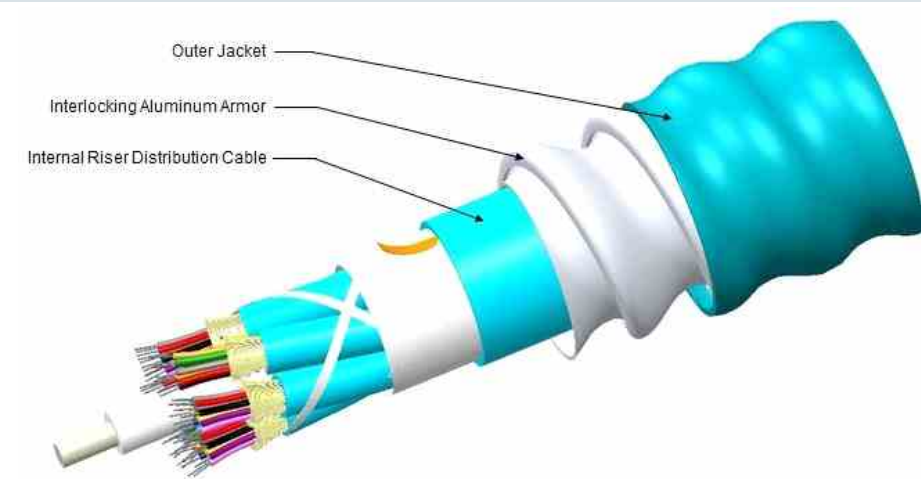


760127308 | R-006-DZ-8W-FSUYL

Riser Distribution Cable, interlocking aluminum armored with riser jacket, 6 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	6
Armor Type	Interlocking aluminum
Fiber Type	TeraSPEED®, zero water peak singlemode fiber (G.652.D, G.657.A1)
Fiber Type, quantity	6
Jacket Color	Yellow

## Dimensions

Cable Weight	136.0 kg/km   91.0 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	45 lbf   200 N

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Tensile Load, short term, maximum 150 lbf | 667 N  
Vertical Rise, maximum 150.0 m | 492.1 ft

## Flame Test Specifications

Flame Test Listing	NEC OFCR (ETL) and c(ETL)
Flame Test Method	UL 1666

## Environmental Specifications

Environmental Space	Riser
Installation Temperature	-20 °C to +70 °C (-4 °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



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## Included Products

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

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## \* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable