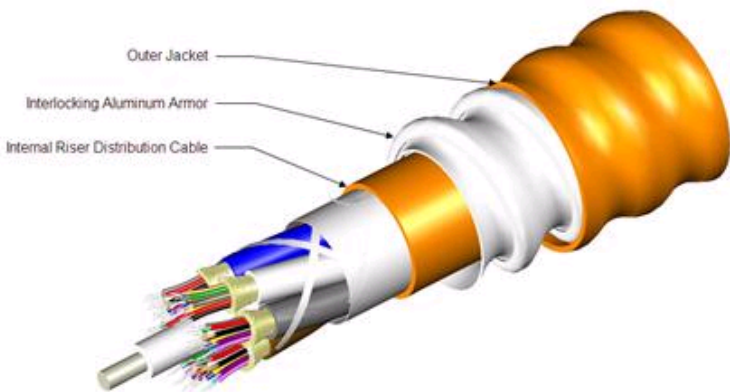


760127555 | R-002-DZ-8W-FSUYL

Riser Distribution Cable, interlocking aluminum armored with riser 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	126.0 kg/km 85.0 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

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Tensile Load, long term, maximum 300 N | 67 lbf
Tensile Load, short term, maximum 1001 N | 225 lbf
Vertical Rise, maximum 242.0 m | 794.0 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 60794-1-2, 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
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Regulatory Compliance/Certifications

Agency	Classification
RoHS 2002/95/EC	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