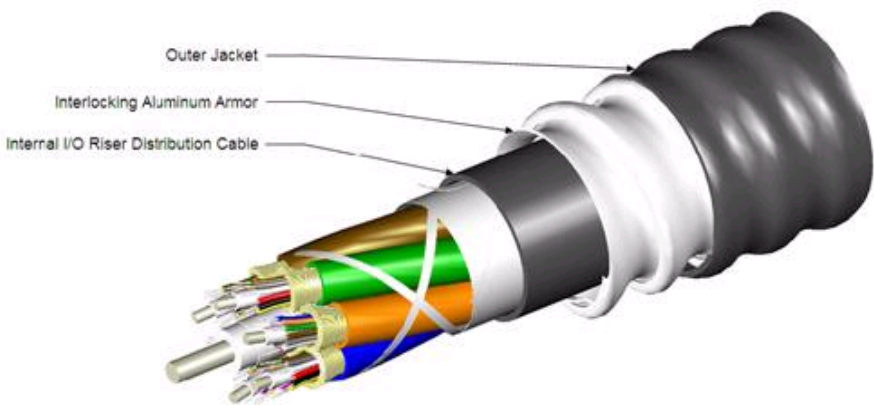




760164210 | Z-036-DZ-8W-FMUBK

Indoor/Outdoor Low Smoke Zero Halogen Riser Distribution Cable, interlocking aluminum armored with low smoke zero halogen riser jacket, 36 fiber multi-unit with 12 fiber subunits

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	36
Aarmor Type	Interlocking aluminum
Fiber Type	TeraSPEED®, zero water peak singlemode fiber
Fiber Type, quantity	36
Fibers Per Subunit, quantity	12
Jacket Color	Black
Jacket UV Resistance	UV stabilized

Dimensions

Buffer Tube/Subunit Diameter	7.20 mm 0.28 in
Cable Weight	318.0 lb/kft 473.0 kg/km
Diameter Over Armor	23.50 mm 0.93 in
Diameter Over Jacket	25.54 mm 1.01 in
Subunit, quantity	3

Physical Specifications

Minimum Bend Radius, loaded	51.1 cm		20.1 in
Minimum Bend Radius, unloaded	35.7 cm		14.1 in
Tensile Load, long term, maximum	90 lbf		400 N
Tensile Load, short term, maximum	300 lbf		1335 N
Vertical Rise, maximum	84.0 m		275.6 ft

Flame Test Specifications

Flame Test Listing	NEC OFCR-LS (ETL) and c(ETL)			
Flame Test Method	IEC 60332-3		IEC 60754-2	IEC 61034-2 IEEE 383 UL 1666 UL 1685

Environmental Specifications

Environmental Space	Low Smoke Zero Halogen (LSZH)		Riser
Installation Temperature	-30 °C to +70 °C (-22 °F to +158 °F)		
Operating Temperature	-40 °C to +70 °C (-40 °F to +158 °F)		
Storage Temperature	-40 °C to +75 °C (-40 °F to +167 °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
Water Penetration	24 h		
Water Penetration Test Method	FOTP-82		IEC 60794-1-2, Section 24

Environmental Test Specifications

Heat Age	-40 °C to +85 °C (-40 °F to +185 °F)		
Heat Age Test Method	Not applicable		
Low High Bend	-40 °C to +70 °C (-40 °F to +158 °F)		
Low High Bend Test Method	FOTP-28		IEC 60794-1-2, Section 28
Temperature Cycle	-40 °C to +70 °C (-40 °F to +158 °F)		
Temperature Cycle Test Method	FOTP-3		IEC 60794-1-2, Section 22

Qualification Specifications

Cable Qualification Standards	ANSI/ICEA S-104-696-2001 EN 187105 Telcordia GR -20-CORE Issue 3 (water penetration for internal cable) Telcordia GR -409-CORE Issue 2			
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Regulatory Compliance/Certifications

760164210 | Z-036-DZ-8W-FMUBK

Agency

RoHS 2002/95/EC
ISO 9001:2008

Classification

Compliant
Designed, manufactured and/or distributed under this quality management system



Included Products

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