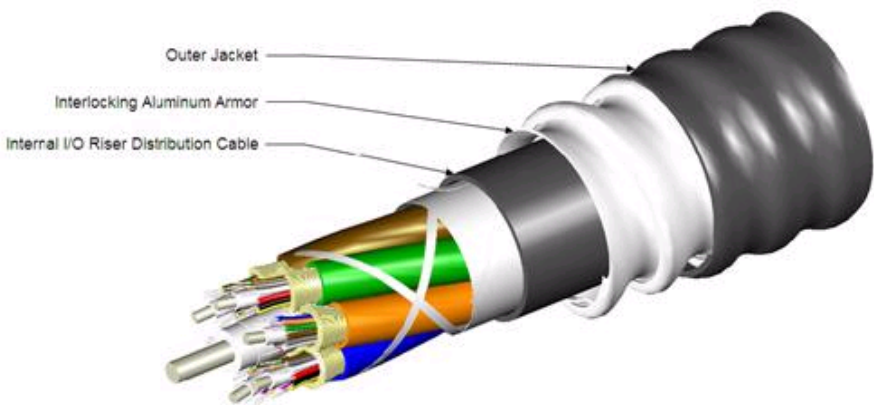




760134817 | Z-012-DZ-6F-FSUBK

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

Representative Image



General Specifications

Cable Type	Distribution
Construction Type	Armored

Construction Materials

Fiber Type Solution	OptiSPEED®, 62.5 µm multimode fiber
Total Fiber Quantity	12
Armor Type	Interlocking aluminum
Fiber Type	OptiSPEED®, 62.5 µm multimode fiber
Fiber Type, quantity	12
Jacket Color	Black
Jacket UV Resistance	UV stabilized

Dimensions

Cable Weight	120.0 lb/kft 178.0 kg/km
Diameter Over Armor	12.07 mm 0.48 in
Diameter Over Jacket	14.10 mm 0.56 in

Physical Specifications

Minimum Bend Radius, loaded	28.2 cm 11.1 in
Minimum Bend Radius, unloaded	19.7 cm 7.8 in

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Tensile Load, long term, maximum	90 lbf 400 N
Tensile Load, short term, maximum	300 lbf 1335 N
Vertical Rise, maximum	229.0 m 751.3 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

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



Included Products

CS-6F-TB (Product Component—not orderable) — OptiSPEED® OM1 Multimode Fiber