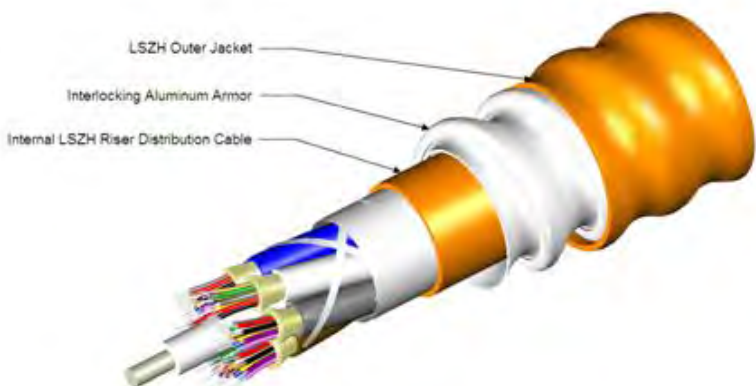




Enterprise Solutions
760125872 | N-048-DZ-CM-FMUOR/8W024/6F024
Low Smoke Zero Halogen Riser Distribution Cable, interlocking aluminum armored with low smoke zero halogen riser jacket, 48 fiber multi-unit with 12 fiber subunits

Representative Image



General Specifications

Cable Type	Distribution
Construction Type	Armored
Subunit Type	Gel-free

Construction Materials

Fiber Type Solution	Composite fiber OptiSPEED®, 62.5 µm multimode fiber (OM1) TeraSPEED®, zero water peak singlemode fiber (G.652.D or G.652.D OS2)
Total Fiber Count	48
Armor Type	Interlocking aluminum
Fiber Type	TeraSPEED®, zero water peak singlemode fiber (G.652.D or G.652.D OS2)
Fiber Type, quantity	24
Fibers per Subunit, quantity	12
Jacket Color	Orange
Second Fiber Type	OptiSPEED®, 62.5 µm multimode fiber (OM1)
Second Fiber Type, quantity	24

Dimensions

Buffer Tube/Subunit Diameter	6.20 mm 0.24 in
Cable Weight	298.0 lb/kft 443.0 kg/km
Diameter Over Armor	22.23 mm 0.88 in

760125872 | N048-DZ-CM-FMUOR/8W024/6F024

Diameter Over Jacket	24.30 mm 0.96 in
Subunit, quantity	4

Physical Specifications

Minimum Bend Radius, loaded	48.5 cm 19.1 in
Minimum Bend Radius, unloaded	34.0 cm 13.4 in
Tensile Load, long term, maximum	90 lbf 400 N
Tensile Load, short term, maximum	300 lbf 1335 N
Vertical Rise, maximum	92.0 m 301.8 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 +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	-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-83-596-2001 Telcordia GR-409-CORE Issue 2
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Regulatory Compliance/Certifications

760125872 | N-048-DZ-CM-FMUOR/8W024/6F024

Agency

RoHS 2011/65/EU
ISO 9001:2008

Classification

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



Included Products

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

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