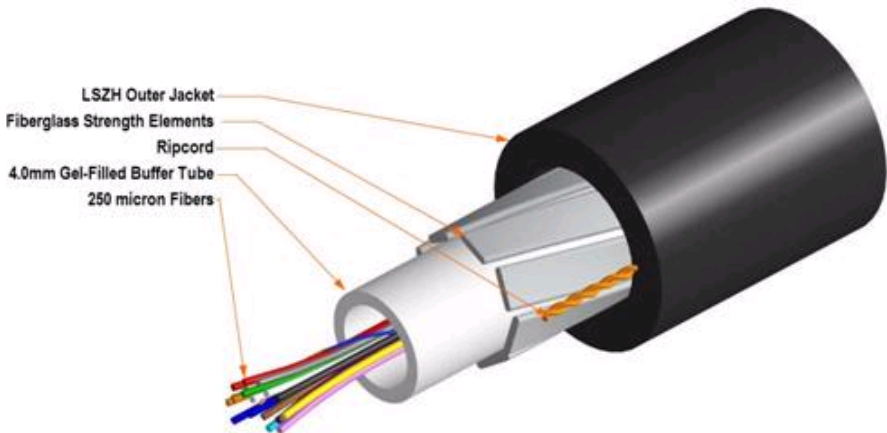




760103465 | Z-002-DN-8W-F02BK

Indoor/Outdoor Low Smoke Zero Halogen Single Jacket All-Dielectric Arid-Core Drop Cable

Representative Image



General Specifications

Cable Type	Riser rated low smoke
Construction Type	Non-armored
Subunit Type	Gel-filled

Construction Materials

Fiber Type Solution	TeraSPEED®, zero water peak singlemode fiber
Total Fiber Quantity	2
Fiber Type	TeraSPEED®, zero water peak singlemode fiber
Fiber Type, quantity	2
Fibers Per Subunit, quantity	2
Jacket Color	Black
Jacket UV Resistance	UV stabilized

Dimensions

Buffer Tube/Subunit Diameter	4.00 mm 0.16 in
Cable Weight	48.0 lb/kft 72.0 kg/km
Diameter Over Jacket	8.30 mm 0.33 in
Subunit, quantity	1

Physical Specifications

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Minimum Bend Radius, loaded	12.5 cm		4.9 in
Minimum Bend Radius, unloaded	8.3 cm		3.3 in
Tensile Load, long term, maximum	400 N		90 lbf
Tensile Load, short term, maximum	1334 N		300 lbf
Vertical Rise, maximum	572.0 m		1876.6 ft

Flame Test Specifications

Flame Test Listing	NEC OFNR-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	Aerial, lashed		Buried		Low Smoke Zero Halogen (LSZH)		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 +75 °C (-40 °F to +167 °F)						

Mechanical Test Specifications

Compression	10 N/mm		57 lb/in
Compression Test Method	FOTP-41		IEC 60794-1-2, Section 7
Flex	35 cycles		
Flex Test Method	FOTP-24		IEC 60794-1-2, Section 10
Impact	2.17 ft lb		2.94 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

Cable Freeze	-2 °C		28 °F
Cable Freeze Test Method	FOTP-98		
Drip	70 °C		158 °F
Drip Test Method	FOTP-81		IEC 60794-1-2, Section 17
Heat Age Test Method	Not applicable		
Low High Bend	-20 °C to +60 °C (-4 °F to +140 °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-110-717-2003
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Regulatory Compliance/Certifications

Agency

RoHS 2002/95/EC
ISO 9001:2008

Classification

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



Included Products

CS-8W-IOLT (Product Component—not orderable) — TeraSPEED® OS2 Singlemode Fiber