760134791 | Z-024-DZ-CM-FSUBK/8W012/6F012



Fiber indoor/outdoor cable, TeraSPEED® Riser/LSZH rated Distribution, interlocking aluminum armored, Multimode/Singlemode, 24 fiber single-unit, Feet jacket marking, Black jacket color

Product Classification

Regional Availability	Asia Australia/New Zealand EMEA Latin America North America	
Portfolio	CommScope®	
Product Type	Fiber indoor/outdoor cable	
Product Series	Z-DZ	
General Specifications		
Armor Type	Interlocking aluminum	
Cable Type	Distribution	
Construction Type	Armored	
Jacket Color	Black	
Jacket Marking	Feet	
Composite Fiber Count	12 + 12	
Total Fiber Count	24	
Dimensions		
Diameter Over Armor	13.34 mm 0.525 in	
Diameter Over Jacket	15.4 mm 0.606 in	

Representative Image

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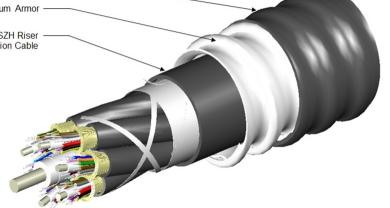


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LSZH Outer Jacket -

Interlocking Aluminum Armor -

Internal Indoor/Outdoor LSZH Riser Distribution Cable



Mechanical Specifications

Minimum Bend Radius, loaded	231 mm 9.094 in
Minimum Bend Radius, unloaded	154 mm 6.063 in
Tensile Load, long term, maximum	400 N 89.924 lbf
Tensile Load, short term, maximum	1335 N 300.12 lbf
Compression	85 N/mm 485.363 lb/in
Compression Test Method	FOTP-41 IEC 60794-1 E3
Flex	25 cycles
Flex Test Method	FOTP-104 IEC 60794-1 E6
Impact	35 N-m 309.776 in lb
Impact Test Method	FOTP-25 IEC 60794-1 E4
Strain	See long and short term tensile loads
Strain Test Method	FOTP-33 IEC 60794-1 E1
Twist	10 cycles
Twist Test Method	FOTP-85 IEC 60794-1 E7
Vertical Rise, maximum	193 m 633.202 ft
Optical Specifications	

Fiber Type

Composite MM/SM | G.652.D and G.657.A1, TeraSPEED® | OM1, OptiSPEED®

Environmental Specifications

Installation temperature

-30 °C to +60 °C (-22 °F to +140 °F)

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Operating Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Storage Temperature	-40 °C to +75 °C (-40 °F to +167 °F)
Cable Qualification Standards	ANSI/ICEA S-104-696 EN 187105 Telcordia GR-20 (water penetration for internal cable) Telcordia GR-409
Environmental Space	Low Smoke Zero Halogen (LSZH) Riser
Flame Test Listing	NEC OFCR-ST1 (ETL) and c(ETL)
Flame Test Method	IEC 60332-3 IEC 60754-2 IEC 61034-2 UL 1666 UL 1685
Jacket UV Resistance	UV stabilized
Water Penetration	24 h
Water Penetration Test Method	FOTP-82 IEC 60794-1 F5

Environmental Test Specifications

Cable Freeze Test Method	IEC 60794-1 F15
Heat Age	-40 °C to +85 °C (-40 °F to +185 °F)
Heat Age Test Method	IEC 60794-1 F9
Low High Bend	-40 °C to +70 °C (-40 °F to +158 °F)
Low High Bend Test Method	FOTP-37 IEC 60794-1 E11
Temperature Cycle	-40 °C to +70 °C (-40 °F to +158 °F)
Temperature Cycle Test Method	FOTP-3 IEC 60794-1 F1

Packaging and Weights

Cable weight

212 kg/km | 142.457 lb/kft

Regulatory Compliance/Certifications

Agency

Classification

ISO 9001:2015 Designed, manufactured and/or distributed under this quality management system

Included Products

CS-6F-TB – OptiSPEED® OM1 Multimode Fiber CS-8W-TB – TeraSPEED® Singlemode Fiber

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

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