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



Fiber indoor/outdoor cable, TeraSPEED® LSZH Riser Distribution, interlocking aluminum armored, 36 fiber multi-unit with 12 fiber subunits, Singlemode G.652.D and G.657.A1, Gel-free, 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
Subunit Type	Gel-free
Jacket Color	Black
Jacket Marking	Feet
Subunit, quantity	3
Fibers per Subunit, quantity	12
Total Fiber Count	36
Dimensions	
Buffer Tube/Subunit Diameter	7.2 mm 0.283 in
Diameter Over Armor	23.5 mm 0.925 in
Diameter Over Jacket	25.54 mm 1.006 in

Representative Image

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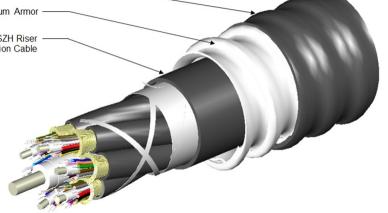


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LSZH Outer Jacket -

Interlocking Aluminum Armor -

Internal Indoor/Outdoor LSZH Riser Distribution Cable



Mechanical Specifications

Minimum Bend Radius, loaded	383 mm 15.079 in
Minimum Bend Radius, unloaded	255 mm 10.039 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	84 m 275.591 ft
Optical Specifications	

Fiber Type

G.652.D and G.657.A1, TeraSPEED®

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	EC 60794-1 F15
Heat Age -4	40 °C to +85 °C (-40 °F to +185 °F)
Heat Age Test Method	EC 60794-1 F9
Low High Bend -4	40 °C to +70 °C (-40 °F to +158 °F)
Low High Bend Test Method Fo	EOTP-37 IEC 60794-1 E11
Temperature Cycle -4	40 °C to +70 °C (-40 °F to +158 °F)
Temperature Cycle Test Method Fo	FOTP-3 IEC 60794-1 F1

Packaging and Weights

Cable weight

Agency

473 kg/km | 317.841 lb/kft

Regulatory Compliance/Certifications

Classification

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

Included Products

CS-8W-TB - TeraSPEED® Singlemode Fiber

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

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