

810010362/DB | D-432-CN-RR-F12NS/8W/99A /200



Fiber OSP cable, Non-Armored, All-Dielectric, Arid-Core, Dry Central Tube Rollable Ribbon, 432 fiber, 200um 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 OSP cable

General Specifications

Cable Type

Ribbon central tube

Construction Type

Non-armored

Subunit Type

Gel-free

Fibers per Ribbon, quantity

12

Jacket Color

Black

Jacket Marking

Feet

Location of Manufacturing

Carrollton, Georgia

Total Fiber Count

432

Dimensions

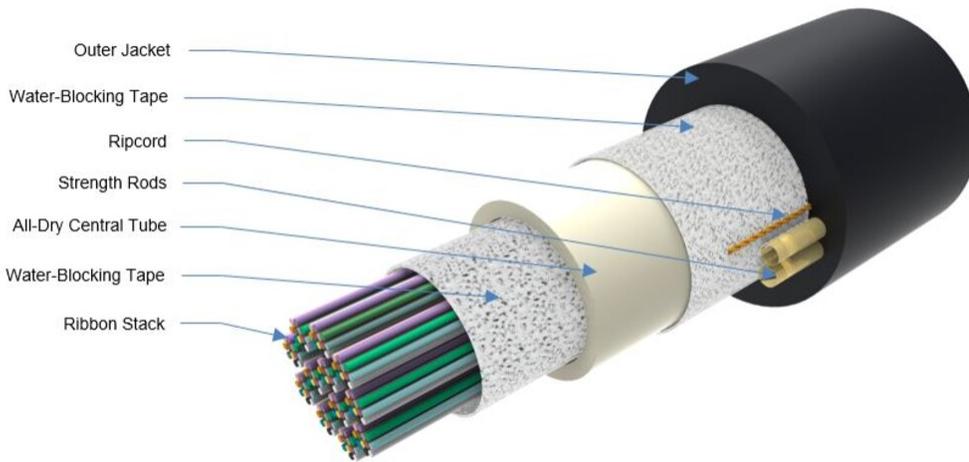
Buffer Tube/Subunit Diameter

7.1 mm | 0.28 in

Diameter Over Jacket

10 mm | 0.394 in

Representative Image



Mechanical Specifications

Minimum Bend Radius, loaded	200 mm 7.874 in
Minimum Bend Radius, unloaded	200 mm 7.874 in
Tensile Load, long term, maximum	530 N 119.149 lbf
Tensile Load, short term, maximum	1780 N 400.16 lbf
Compression	22 N/mm 125.623 lb/in
Compression Test Method	FOTP-41 IEC 60794-1 E3
Flex	25 cycles
Flex Test Method	FOTP-104 IEC 60794-1 E6
Impact	4.4 N-m 38.943 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

Optical Specifications

Fiber Type	G.652.D and G.657.A1 G.652.D and G.657.A1
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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 +70 °C (-40 °F to +158 °F)
Cable Qualification Standards	ANSI/ICEA S-87-640 Telcordia GR-20
Environmental Space	Aerial, lashed Buried
Jacket UV Resistance	UV stabilized
Water Penetration	24 h
Water Penetration Test Method	FOTP-82 IEC 60794-1 F5

Environmental Test Specifications

Heat Age	-40 °C to +85 °C (-40 °F to +185 °F)
Heat Age Test Method	IEC 60794-1 F9
Low High Bend	-30 °C to +60 °C (-22 °F to +140 °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	78.4 kg/km 52.682 lb/kft
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Included Products

CS-8W-RR-OUTDOOR – TeraSPEED® Singlemode Fiber Rollable Ribbon

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable