760240989 | D-720-CA-RB-F24NS/8W/99A



Fiber OSP cable, Steel Armored, Arid-Core, Dry Central Tube Ribbon, 720 fiber, Singlemode G.652.D and G.657.A1, Feet jacket marking, Black jacket color

 *Product complies with the Build America, Buy America Act (BABAA) requirements of the Infrastructure Investment and Jobs Act of 2021 (Pub. L. 117- 58, §§ 70901-70953), or is the subject of a waiver approved by the Secretary of Commerce or designee. Compliance requirements and waiver applicability vary based on government funding program. Check the laws and regulations for your specific program.

Product Classification

Regional Availability	Asia Australia/New Zealand EMEA Latin America North America
Portfolio	CommScope®
Product Type	Fiber OSP cable
Product Series	D-CA
Government Funding	Build America Buy America (BABA) compliant*
General Specifications	
Armor Type	Corrugated steel
Cable Type	Ribbon central tube
Construction Type	Armored
Subunit Type	Gel-free
Fibers per Ribbon, quantity	24
Jacket Color	Black
Jacket Marking	Feet
Total Fiber Count	720
Dimensions	
Buffer Tube/Subunit Diameter	19.3 mm 0.76 in
Diameter Over Jacket	26.7 mm 1.051 in

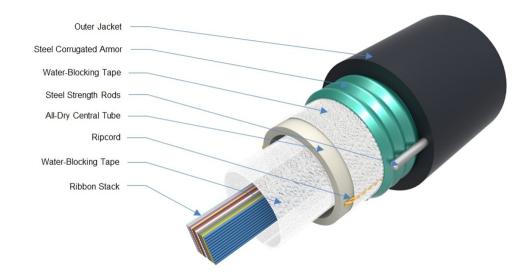
Representative Image

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Mechanical Specifications

Minimum Bend Radius, loaded	533.4 mm 21 in
Minimum Bend Radius, unloaded	533.4 mm 21 in
Tensile Load, long term, maximum	800 N 179.847 lbf
Tensile Load, short term, maximum	2700 N 606.984 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

Environmental Specifications

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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 StandardsANSI/ICEA S-87-640 Telcordia GR-20Environmental SpaceAerial, lashed BuriedJacket UV ResistanceUV stabilizedWater Penetration24 hFOTP-82 IEC 60794-1 F5	Installation temperature	-30 °C to +60 °C (-22 °F to +140 °F)
Cable Qualification StandardsANSI/ICEA S-87-640 Telcordia GR-20Environmental SpaceAerial, lashed BuriedJacket UV ResistanceUV stabilizedWater Penetration24 h	Operating Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Environmental SpaceAerial, lashed BuriedJacket UV ResistanceUV stabilizedWater Penetration24 h	Storage Temperature	-40 °C to +75 °C (-40 °F to +167 °F)
Jacket UV ResistanceUV stabilizedWater Penetration24 h	Cable Qualification Standards	ANSI/ICEA S-87-640 Telcordia GR-20
Water Penetration24 h	Environmental Space	Aerial, lashed Buried
	Jacket UV Resistance	UV stabilized
Water Penetration Test MethodFOTP-82IEC 60794-1 F5	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

451 kg/km | 303.058 lb/kft

Regulatory Compliance/Certifications

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

Included Products

CS-8W-RB-OUTDOOR - TeraSPEED® Singlemode Fiber Rollable Ribbon

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

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