760213967 | D-144-CA-RB-F12NS/5L/99A



Fiber OSP cable, Steel Armored, Arid-Core, Dry Central Tube Ribbon, 144 fiber, Multimode OM3, bend insensitive, 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
Product Series	D-CA
General Specifications	
Armor Type	Corrugated steel
Cable Type	Ribbon central tube
Construction Type	Armored
Subunit Type	Gel-free
Fibers per Ribbon, quantity	12
Jacket Color	Black
Jacket Marking	Feet
Total Fiber Count	144
Dimensions	
Buffer Tube/Subunit Diameter	7.9 mm 0.311 in
Diameter Over Jacket	15.5 mm 0.61 in

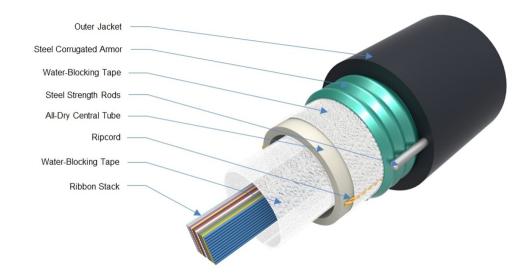
Representative Image

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Mechanical Specifications

Minimum Bend Radius, loaded	309.9 mm 12.201 in
Minimum Bend Radius, unloaded	154.9 mm 6.098 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	OM3, bend insensitive OM3, bend insensitive

Environmental Specifications

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-30 °C to +60 °C (-22 °F to +140 °F)
-40 °C to +70 °C (-40 °F to +158 °F)
-40 °C to +75 °C (-40 °F to +167 °F)
ANSI/ICEA S-87-640 Telcordia GR-20
Aerial, lashed Buried
UV stabilized
24 h
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	213 kg/km	143.129 lb/kft
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Regulatory Compliance/Certifications

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

Included Products

CS-5Y-RB – 50µm OM3 Bend-Insensitive Multimode Fiber

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

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