760214031 | D-060-CA-RB-F12NS/5K/99A



Fiber OSP cable, Steel Armored, Arid-Core, Dry Central Tube Ribbon, 60 fiber, Multimode OM4, bend insensitive, Feet jacket marking, Black jacket color

Product Classification

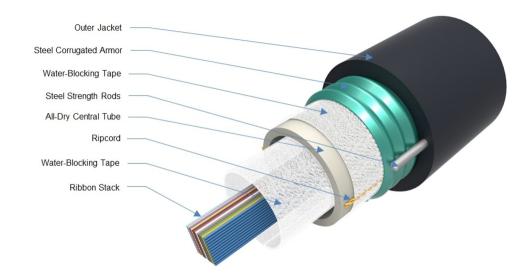
Regional Availability	Asia Australia/New Zealand EMEA Latin America North America
Portfolio	CommScope®
Product Type	Fiber OSP cable
Product Series	D-CA
General Specifications	
Armor Type	Corrugated steel
Cable Type	Ribbon central tube
Construction Type	Armored
Subunit Type	Gel-free
Fibers per Ribbon, quantity	12
Jacket Color	Black
Jacket Marking	Feet
Total Fiber Count	60
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	OM4, bend insensitive OM4, bend insensitive

Environmental Specifications

Page 2 of 3

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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

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-5X-RB – 50µm OM4 Bend-Insensitive Multimode Fiber

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

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