760213975 | D-192-CA-RB-F12NS/5Y/99A



Fiber OSP cable, Steel Armored, Arid-Core, Dry Central Tube Ribbon, 192 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	192
Dimensions	
Buffer Tube/Subunit Diameter	10.4 mm 0.409 in
Diameter Over Jacket	18 mm 0.709 in

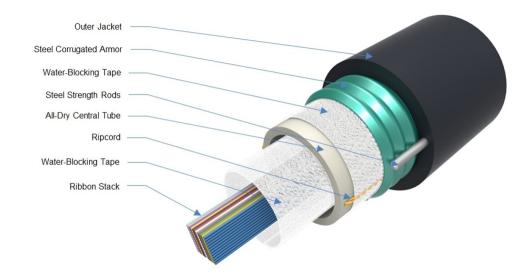
Representative Image

Page 1 of 3

©2024 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: June 6, 2024



760213975 | D-192-CA-RB-F12NS/5Y/99A



Mechanical Specifications

Minimum Bend Radius, loaded	360.7 mm 14.201 in
Minimum Bend Radius, unloaded	180.3 mm 7.098 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

Page 2 of 3

©2024 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: June 6, 2024

COMMSCOPE°

760213975 | D-192-CA-RB-F12NS/5Y/99A

Installation temperature -30 °C to +6	0 °C (-22 °F to +140 °F)
Operating Temperature-40 °C to +7	0 °C (-40 °F to +158 °F)
Storage Temperature-40 °C to +7	5 °C (-40 °F to +167 °F)
Cable Qualification Standards ANSI/ICEA	S-87-640 Telcordia GR-20
Environmental Space Aerial, lashe	d Buried
Jacket UV Resistance UV stabilize	d
Water Penetration24 h	
Water Penetration Test MethodFOTP-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

256 kg/km

Regulatory Compliance/Certifications

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

| 172.024 lb/kft

Included Products

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

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

Page 3 of 3

©2024 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: June 6, 2024

