

CF141-50

CF141-50, 50 Ohm Conformable Braided Coaxial Cable, variable length, unjacketed

Construction Materials

Jacket Material	Unjacketed
Braid Material	Tin-soaked copper
Shield Tape Material	Copper
Dielectric Material	PTFE
Inner Conductor Material	Silver-plated copper-clad steel wire

Dimensions

Diameter Over Dielectric	3.030 mm 0.119 in
Inner Conductor OD	0.9200 mm 0.0360 in
Nominal Size	0.141 in
Outer Conductor OD	3.580 mm 0.141 in
Reel Flange	300.0 mm 11.8 in
Reel Hub	130.0 mm 5.1 in
Reel Traverse	130.0 mm 5.1 in

Electrical Specifications

Cable Impedance	50 ohm
Capacitance	92.0 pF/m 29.0 pF/ft
dc Test Voltage	1900 V
Maximum Frequency	33.00 GHz
Operating Frequency Band	30 – 18000 MHz
Peak Power	3.2 kW
Shielding Effectiveness	100 dB
Velocity	70%

Environmental Specifications

Installation Temperature	-55 °C to +125 °C (-67 °F to +257 °F)
Operating Temperature	-55 °C to +125 °C (-67 °F to +257 °F)
Storage Temperature	-55 °C to +125 °C (-67 °F to +257 °F)

General Specifications

Cable Type	Conformable
Braid Coverage	100% braid
Packaging Type	Reel

Mechanical Specifications

Minimum Bend Radius, Single Bend	8.00 mm 0.31 in
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Regulatory Compliance/Certifications

Agency	Classification
RoHS 2011/65/EU	Compliant

Product Specifications

COMMScope®

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POWERED BY



China RoHS SJ/T 11364-2006
ISO 9001:2008

Below Maximum Concentration Value (MCV)
Designed, manufactured and/or distributed under this quality management system

