

RG174 Flexible Coax Cable Black PVC Jacket

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		1,000	MHz
Impedance		50		Ohms
Velocity of Propagation		66		%
Operating Voltage (AC)			1,500	Vrms
Nominal Capacitance		30.94		pF/ft
		[101.51]		[pF/m]

Performance by Frequency Band

Description	F1	F2	F3	F4	F5	Units
Frequency	100	400	1,000			MHz
Attenuation, Typ	8.9	18.5	31			dB/100ft
	29.2	60.7	101.71			dB/100m

Mechanical Specifications

Diameter	0.102 in [2.59 mm]
Weight	0.008 lbs/ft [0.01 Kg/m]
Min. Bend Radius (Installation)	0.393 in [9.98 mm]

Construction Specifications

Description	Material and Plating	Diameter
Inner Conductor	Copper Clad Steel, 1 Strands	0.044 in [1.12 mm]
Dielectric	PE	0.059 in [1.5 mm]
First Shield	Tinned Copper Braid	
Jacket	PVC, Black	0.102 in [2.59 mm]

Environmental Specifications

Temperature

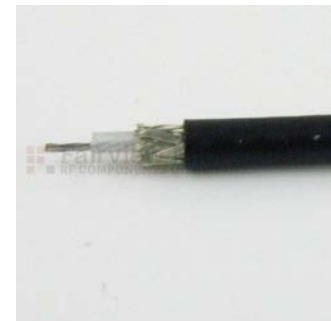
Operating Range	-20 to 80 deg C
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Compliance Certifications (visit www.FairviewMicrowave.com for current document)

RoHS Compliant	Yes
REACH Compliant	12/17/2014

Plotted and Other Data

Notes:



Configuration:

- Flexible Cable
- 7 Shield(s)

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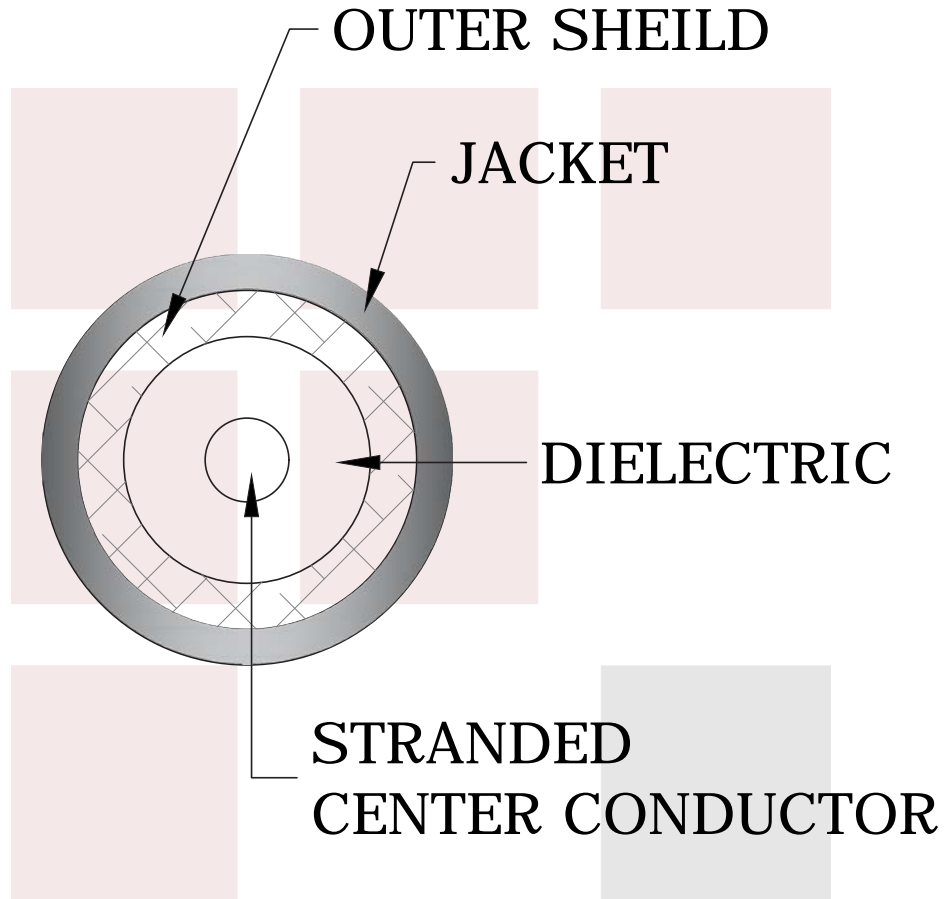
RG174 Flexible Coax Cable Black PVC Jacket from Fairview Microwave has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link to obtain additional part information: [RG174 Flexible Coax Cable Black PVC Jacket RG174](#)

URL: <http://www.fairviewmicrowave.com/rg174-flexible-coax-cable-pvc-jacket-rg174-p.aspx>

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Fairview Microwave reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Fairview Microwave does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Fairview Microwave does not assume any liability arising out of the use of any part or documentation.





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TITLE RG174 Flexible Coax Cable Black PVC Jacket		DWG NO RG174		CAGE CODE 3FKR5	
CAD FILE	120315	SHEET	SCALE	N/A	SIZE A 5568