

## RG214 Flexible Coax Cable Black PVC Jacket

### Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		11	GHz
Impedance		50		Ohms
Velocity of Propagation		66		%
Operating Voltage (AC)			5,000	Vrms
Nominal Capacitance		30.94		pF/ft
		[101.51]		[pF/m]

### Performance by Frequency Band

Description	F1	F2	F3	F4	F5	Units
Frequency	0.01	0.1	1	5	10	GHz
Attenuation, Typ	0.637	2.073	7.686	20.689	36.52	dB/100ft
	2.09	6.8	25.22	67.88	119.82	dB/100m

### Mechanical Specifications

Diameter	0.425 in [10.8 mm]
Weight	0.1225 lbs/ft [0.18 kg/m]
Min. Bend Radius (Installation)	2.165 in [54.99 mm]
Min. Bend Radius (Repeated)	3.228 in [81.99 mm]

### Construction Specifications

Description	Material and Plating	Diameter
Inner Conductor	Copper, Silver, 7 Strands	0.089 in [2.26 mm]
Conductor Type	Solid	
Dielectric	PE	0.285 in [7.24 mm]
First Shield	Silver Plated Copper Braid	[ ]
Second Shield	Silver Plated Copper Braid	0.331 in [8.41 mm]
Jacket	PVC, Black	0.425 in [10.8 mm]

### Environmental Specifications

#### Temperature

Operating Range	-25 to +70 deg C
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### Compliance Certifications (see [product page](#) for current document)

### Plotted and Other Data

Notes:



### Configuration:

- Flexible Cable
- 2 Shield(s)

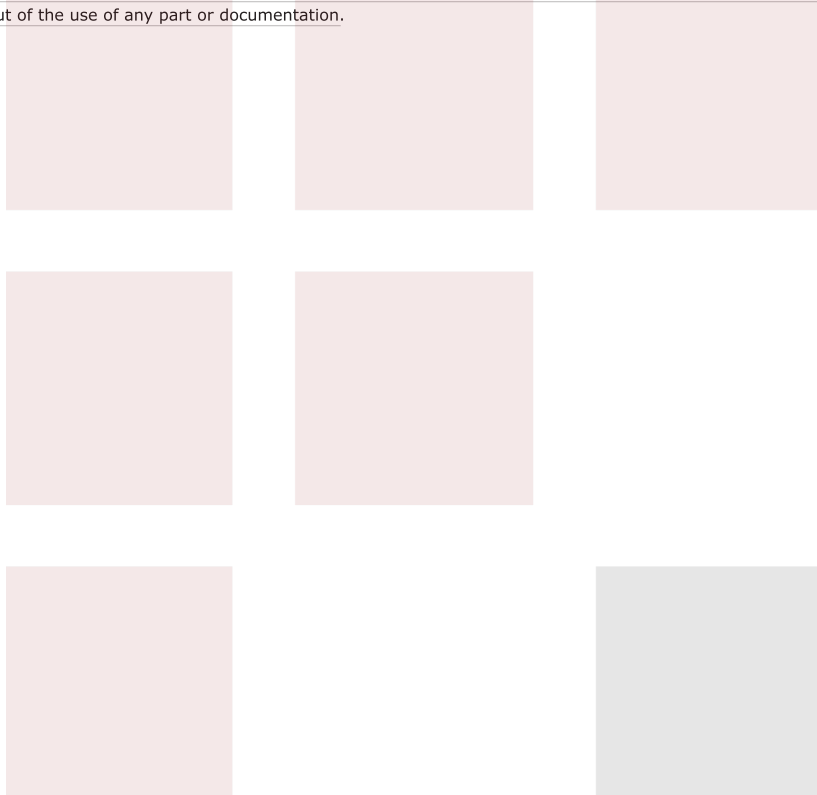
Fairview Microwave  
301 Leora Ln., Suite 100  
Lewisville, TX 75056  
Tel: 1-800-715-4396 / (972) 649-6678  
Fax: (972) 649-6689  
[www.fairviewmicrowave.com](http://www.fairviewmicrowave.com)  
[sales@fairviewmicrowave.com](mailto:sales@fairviewmicrowave.com)

RG214 Flexible Coax Cable Black PVC Jacket from Fairview Microwave has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

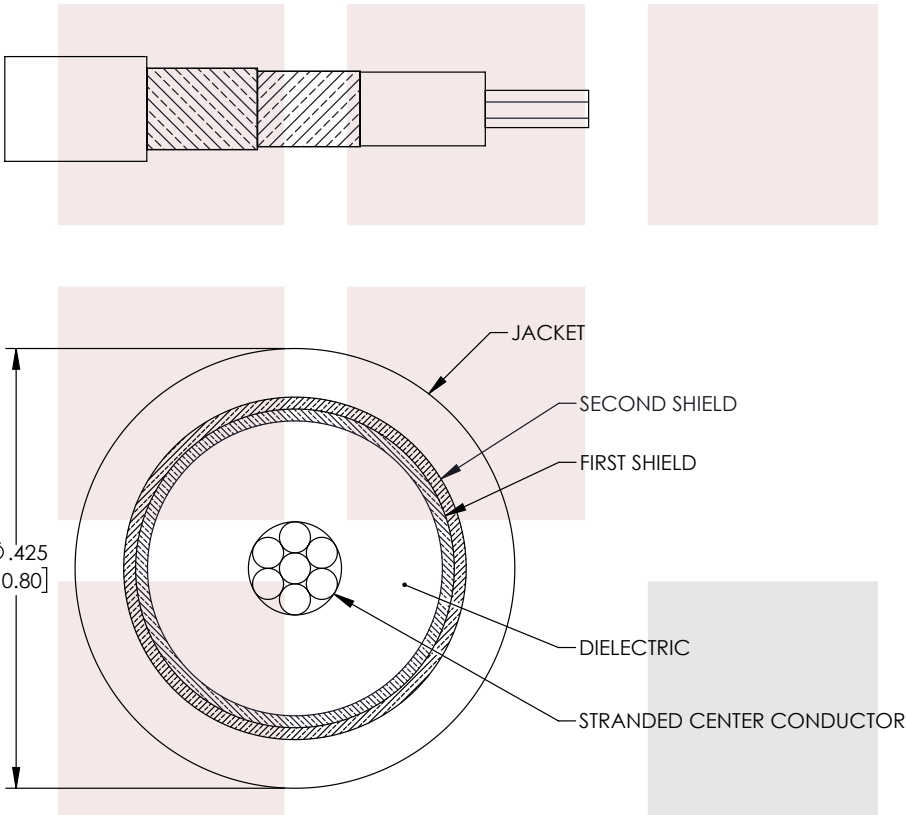
Click the following link to obtain additional part information: [RG214 Flexible Coax Cable Black PVC Jacket RG214-FT](#)

URL: <https://www.fairviewmicrowave.com/rg214-flexible-coax-cable-pvc-jacket-rg214-ft-p.aspx>


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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	03/24/2022	AGANWANI



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<div><div><div></div><div></div><div></div><div></div></div><div><div>Fairview Microwave</div><div>an INFINITE brand</div></div></div>		UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [ ] ARE MILLIMETERS		THIRD-ANGLE PROJECTION 	
TITLE		TOLERANCES:		CABLE LENGTH (L) TOLERANCES:	
RG214 Flexible Coax Cable Black PVC Jacket		.X = ±.2 [5.08] FRACTIONS .XX = ±.02 [.51] ± 1/32 XXX = ±.005 [.13] ANGLES ± 1°		L ≤ 12 [305] = +1 [25] / -0 12 [305] < L ≤ 60 [1524] = +2 [51] / -0 60 [1524] < L ≤ 120 [3048] = +4 [102] / -0 120 [3048] < L ≤ 300 [7620] = +6 [152] / -0 300 [7620] < L = +5%L / -0	
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		SIZE A CAGE CODE 3FKR5 DRAWN BY DZINN ITEM NO. RG214-FT		SHEET 1 OF 1 SCALE N/A	
				REV A	

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