

RG55 53 Ohm Flexible Coax Cable Black PE Jacket

RG55 coax cable from Fairview is only one of a large number of radio frequency twinaxial and coaxial cable types specifically stocked to be ready for quick shipment. Fairview Microwave RG55 coax cable is manufactured in a flexible design and has a 53 ohm impedance. This flexible 53 Ohm coax cable RG55 is constructed with a 0.163 inch diameter and PE jacket.

RG55 53 Ohm coax cable with PE jacket is rated for a 3,000 MHz maximum operating frequency. This 53 Ohm 0.163 inch diameter and flexible coax cable is built with shield count of 2. Fairview Microwave RG55 coax is constructed with PE dielectric and a maximum operating temperature of 80 degrees C.



Configuration:

- Flexible Cable
- 2 Shield(s)

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		3	GHz
Impedance		53 ±2		Ohms
Velocity of Propagation		66		%
Nominal Capacitance		28.8		pF/ft
		[94.49]		[pF/m]

Performance by Frequency Band

Description	F1	F2	F3	F4	F5	Units
Frequency	0.01	0.1	1	3		GHz
Attenuation, Typ	1.35	4.3	16.5	32		dB/100ft
	4.43	14.11	54.13	104.99		dB/100m

Mechanical Specifications

Diameter	0.202 in [5.13 mm]
Weight	0.0325 lbs/ft [0.05 kg/m]

Construction Specifications

Description	Material and Plating	Diameter
Inner Conductor	Copper, Silver, 1 Strands	0.032 in [0.81 mm]
Conductor Type	Solid	
Dielectric	PE	0.116 in [2.95 mm]
First Shield	Tinned Copper Braid	[]
Second Shield	Tinned Copper Braid	[]
Jacket	PE, Black	0.202 in [5.13 mm]

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Environmental Specifications

Temperature

Operating Range 80 to -40 deg C

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

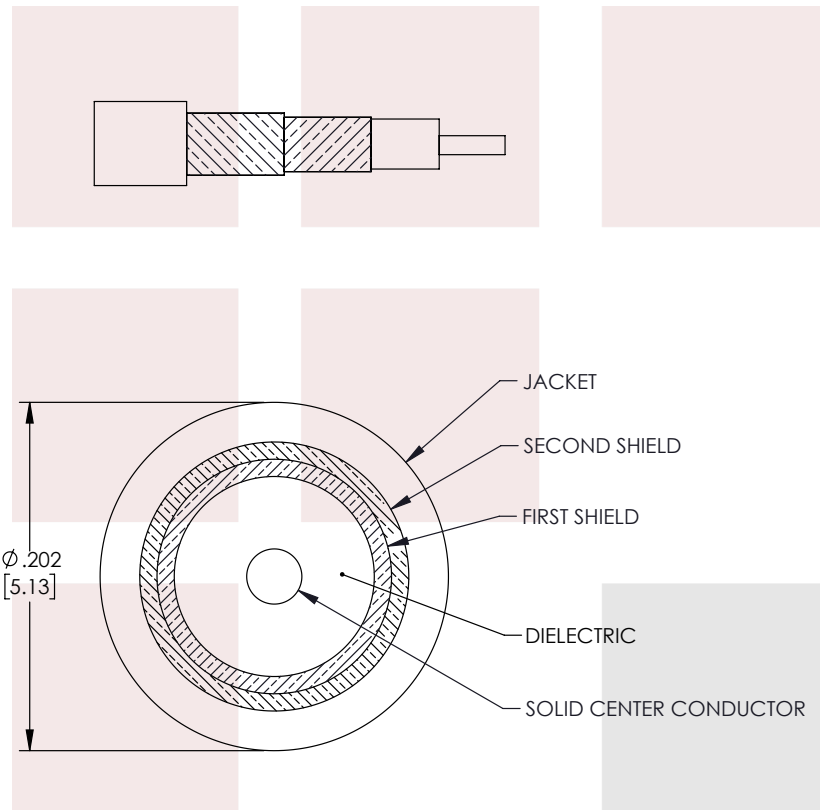
RG55 53 Ohm Flexible Coax Cable Black PE Jacket from Fairview Microwave has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link to obtain additional part information: [RG55 53 Ohm Flexible Coax Cable Black PE Jacket RG55-FT](#)

URL: <https://www.fairviewmicrowave.com/rg55-flexible-coax-cable-pe-jacket-rg55-ft-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.

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



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TITLE

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UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES
DIMENSIONS IN [] ARE MILLIMETERS

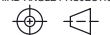
TOLERANCES:

.X = ±.2 [5.08] FRACTIONS
.XX = ±.02 [.51] ± 1/32
XXX = ±.005 [.13] ANGLES ± 1°

CABLE LENGTH (L) TOLERANCES:

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

THIRD-ANGLE PROJECTION



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SHEET 1 OF 1

SCALE N/A

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	3FKR5	DZINN	RG55-FT	A

T-Rev.D