

RG58 Flexible Coax Cable Black PVC Jacket

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		5	GHz
Impedance		50		Ohms
Velocity of Propagation		66		%
Operating Voltage (AC)			1,900	Vrms
Nominal Capacitance		30.8		pF/ft
		[101.05]		[pF/m]

Performance by Frequency Band

Description	F1	F2	F3	F4	F5	Units
Frequency	0.01	0.1	1	5		GHz
Attenuation, Typ	1.4	4.9	20	60		dB/100ft
	4.59	16.08	65.62	196.85		dB/100m

Mechanical Specifications

Diameter	0.195 in [4.95 mm]
Weight	0.025 lbs/ft [0.04 kg/m]

Construction Specifications

Description	Material and Plating	Diameter
Inner Conductor	Copper, Tin, 7 Strands	0.036 in [0.91 mm]
Conductor Type	Stranded	
Dielectric	PE	0.116 in [2.95 mm]
First Shield	Tinned Copper Braid	0.138 in [3.51 mm]
Jacket	PVC, Black	0.195 in [4.95 mm]

Environmental Specifications

Temperature

Operating Range	-40 to +80 deg C
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Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:



Configuration:

- Flexible Cable
- 1 Shield(s)

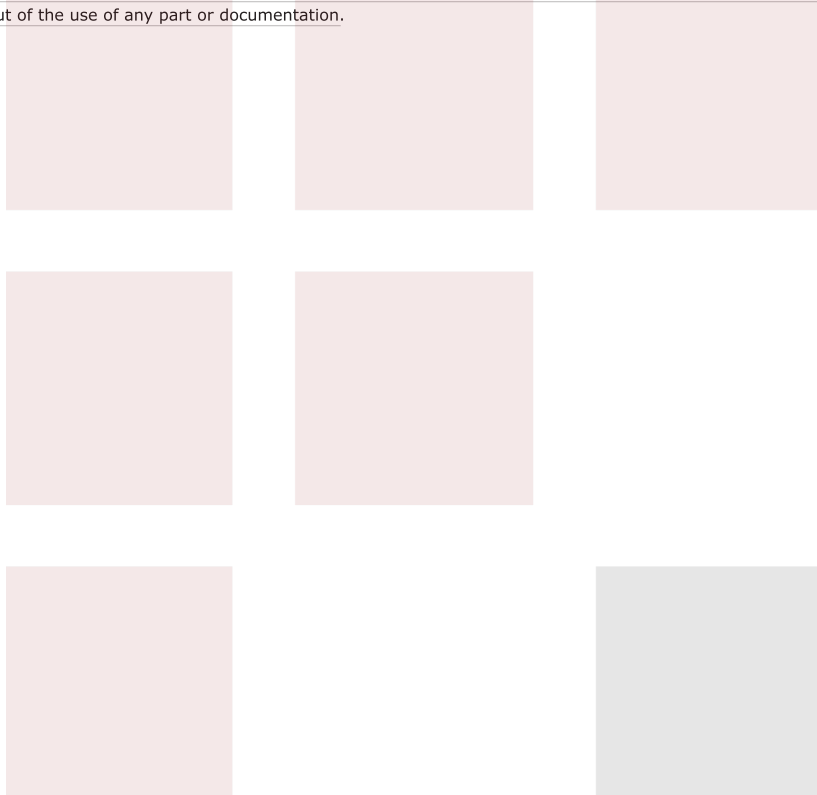
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RG58 Flexible Coax Cable Black PVC Jacket from Fairview Microwave has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

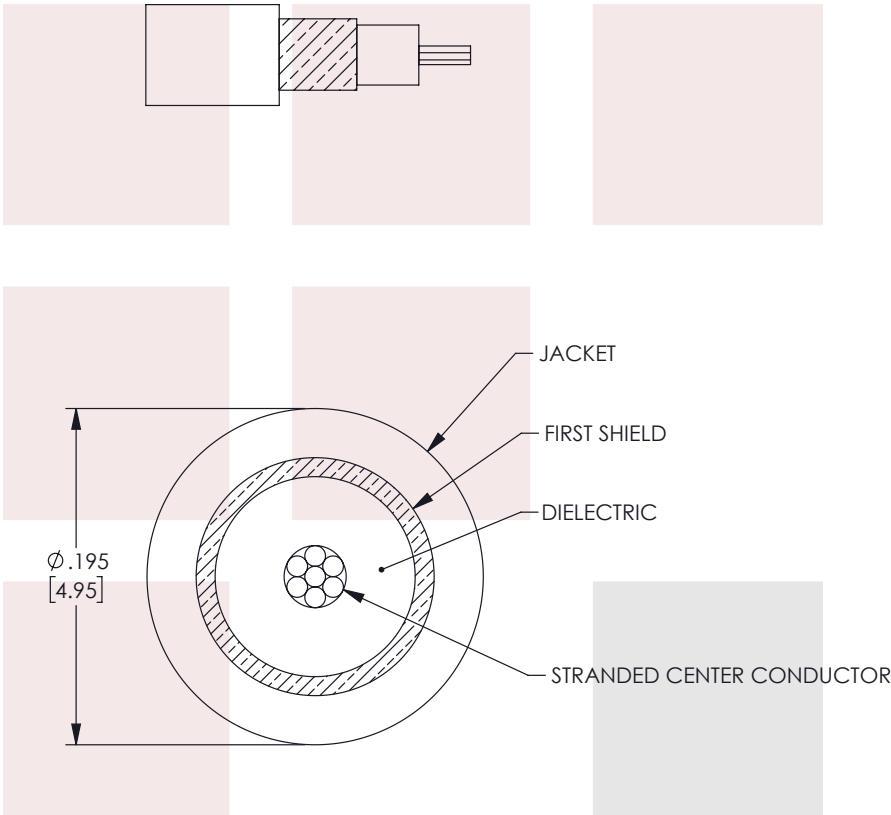
Click the following link to obtain additional part information: [RG58 Flexible Coax Cable Black PVC Jacket RG58CU-FT](#)

URL: <https://www.fairviewmicrowave.com/rg58-flexible-coax-cable-pvc-jacket-rg58cu-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></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 RG58 Flexible Coax Cable Black PVC Jacket	TOLERANCES:	CABLE LENGTH (L) TOLERANCES:
	.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
	ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.	THE INFORMATION AND DESIGN IN THIS DOCUMENT IS THE PROPERTY OF FAIRVIEW MICROWAVE CORPORATION. ALL RIGHTS RESERVED.
SIZE A	CAGE CODE 3FKR5	DRAWN BY DZINN
	ITEM NO. RG58CU-FT	SHEET 1 OF 1
		SCALE N/A
		REV A

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