



Flexible RG218 Coax Cable Single
Shielded with Black PVC Jacket

RF Cables Technical Data Sheet

RG218/U-BULK

Times Microwave Systems Coax Cable Specification Configuration

- Flexible Cable
- 1 Shield(s)

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		1,000	MHz
Impedance		50		Ohms
Velocity of Propagation		66		%
Operating Voltage (AC)			11,000	Vrms
Nominal Capacitance		30.8 [101.05]		pF/ft [pF/m]

Performance by Frequency Band

Description	F1	F2	F3	F4	F5	Units
Frequency	50	100	400	1,000		MHz
Attenuation, Max	0.65	1	2.75	5		dB/100ft
	2.13	3.28	9.02	16.4		dB/100m
Input Power (CW), Max	6,500	3,700	1,200	600		Watts

Mechanical Specifications

Diameter	0.87 in [22.1 mm]
Weight	0.476 lbs/ft [0.71 kg/m]

Construction Specifications

Description	Material and Plating	Diameter
Inner Conductor	Copper, 1 Strand	0.195 in [4.95 mm]
Conductor Type	Solid	
Dielectric	PE	0.68 in [17.27 mm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG218 Coax Cable Single Shielded with Black PVC Jacket RG218/U-BULK](#)





Flexible RG218 Coax Cable Single Shielded with Black PVC Jacket

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First Shield	Copper Braid	0.726 in [18.44 mm]
Jacket	PVC, Black	0.87 in [22.1 mm]

Environmental Specifications

Temperature

Operating Range

-40 to +80 deg C

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

Plotted and Other Data

Notes:

Flexible RG218 Coax Cable Single Shielded with Black PVC Jacket from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG218 Coax Cable Single Shielded with Black PVC Jacket RG218/U-BULK](#)

URL: <https://www.pasternack.com/flexible-0.870-rg218-50-ohm-coax-cable-pvc-jacket-rg218-u-bulk-p.aspx>

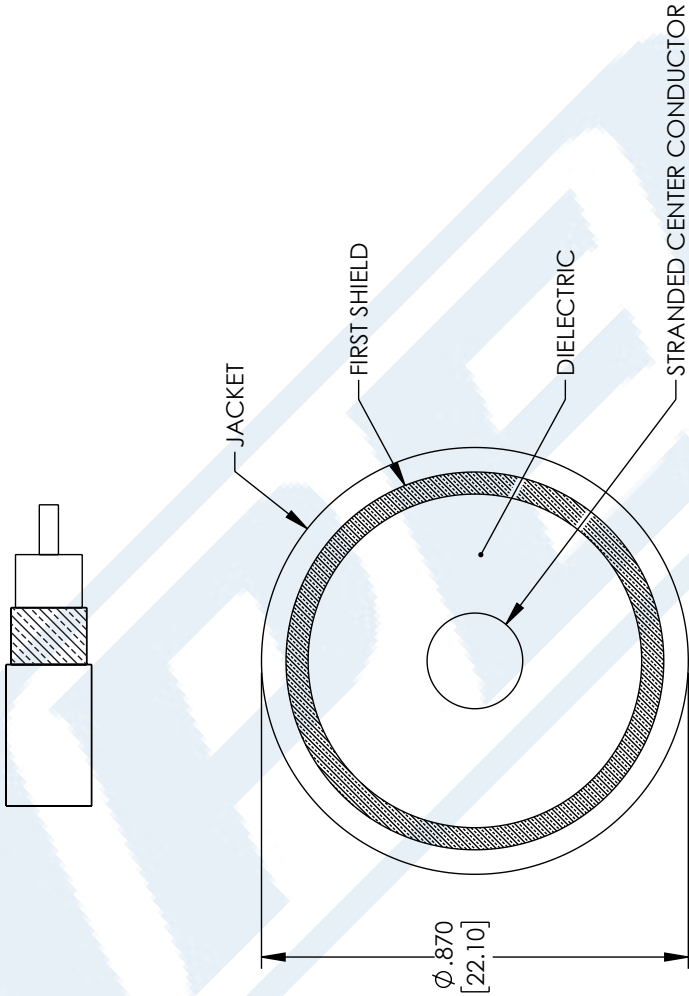
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RG218/U-BULK CAD Drawing

Flexible RG218 Coax Cable Single Shielded with Black PVC Jacket

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	03/09/2022	AGANWANI



UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS		TOLERANCES:		X = ±.2 [5.08] .XX = ±.02 [5.1] .XXX = ±.005 [1.3] 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% / -0		ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.	
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				SHEET 1 OF 1			
				SCALE N/A			
SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV			
A	53919	DZINN	RG218/U-BULK	A			

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