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Flexible RG218 Coax Cable Single Shielded with Black PVC Jacket



TECHNICAL DATA SHEET RG218/U

Flexible RG218 Coax Cable Single Shielded with Black PVC Jacket

Configuration

Inner Conductor Material and Plating	Copper
Dielectric Type	PE
Shield Materials	Copper Braid
Jacket Material and Color	PVC, Black

Electrical Specifications

Impedance, Ohms	50
Velocity of Propagation, %	66
Maximum Operating Frequency, GHz	5
Capacitance, pF/ft [pF/m]	30.8 [101.05]
Maximum Operating Voltage, Volts	11,000

Electrical Specifications by Frequency

Frequency 1

Frequency, MHz	10
Attenuation, dB/100ft [dB/100m]	0.23 [0.75]
Power Handling, KWatts	18

Frequency 2

Frequency, MHz	100
Attenuation, dB/100ft [dB/100m]	0.81 [2.66]
Power Handling, KWatts	3.2

Frequency 3

Frequency, MHz	1000
Attenuation, dB/100ft [dB/100m]	3.8 [12.47]
Power Handling, Watts	560

Frequency 4

Frequency, GHz	5
Attenuation, dB/100ft [dB/100m]	13.5 [44.29]
Power Handling, Watts	160

Mechanical Specifications

Temperature

Operating Range, deg C	-40 to +80

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

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. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal.

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
Phone: (866) 727-8376 or (949) 261-1920 • **Fax:** (949) 261-7451
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ISO 9001 : 2008 Registered

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Inner Conductor

Number of Strands	1
Material	Copper
Diameter, in [mm]	0.195 [4.95]

Dielectric:

Type	PE
Diameter, in [mm]	0.68 [17.27]

Shield:

Number of	1
Material 1	Copper Braid
Diameter, in [mm]	0.728 [18.49]

Jacket:

Material	PVC
Diameter, in [mm]	0.87 [22.1]
Color	Black

Compliance Certifications (visit www.Pasternack.com for current document)

RoHS Compliant	Yes

Plotted and Other Data

Notes:	Values at 25 °C, sea level

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

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 fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

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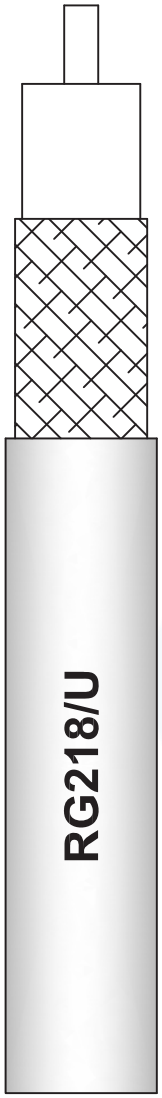
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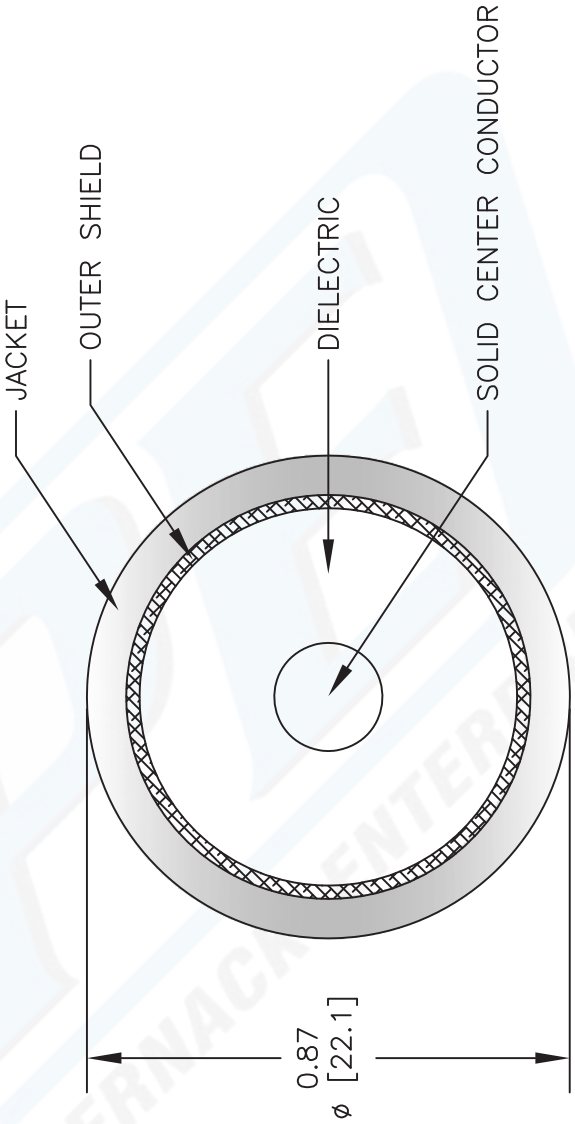
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RG218/U CAD Drawing

Flexible RG218 Coax Cable Single Shielded with Black PVC Jacket





NOTES:
1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.
3. DIMENSIONS ARE IN INCHES [mm].

CAD FILE	SCALE	SIZE
102912-B	N/A	A

DWG TITLE: RG218/U

FSCM NO. 53919

2233

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