



Flexible RG218 Coax Cable Single Shielded with Black PVC Jacket

RF Cables Technical Data Sheet

RG218/U

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	0.4775 lbs/ft [0.71 Kg/m]

Construction Specifications

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

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](#)



Flexible RG218 Coax Cable Single
Shielded with Black PVC Jacket

RF Cables
Technical Data Sheet

RG218/U

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.

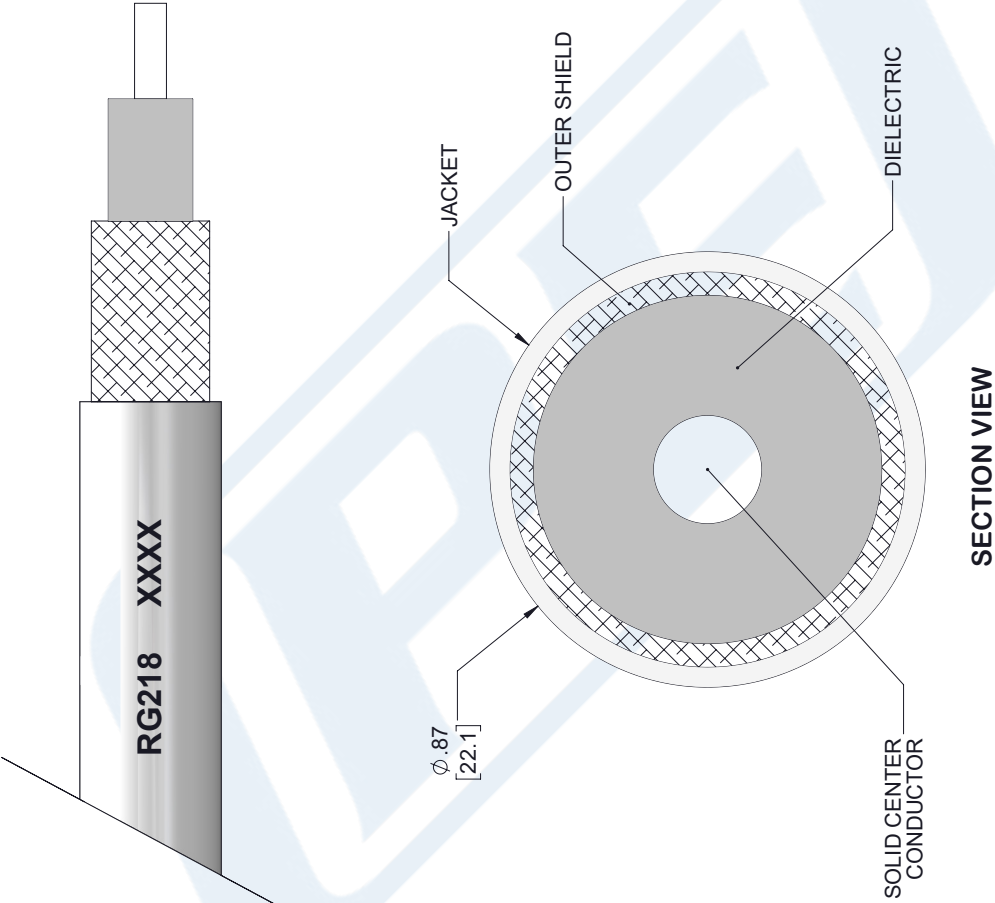
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG218 Coax Cable Single Shielded with Black PVC Jacket RG218/U](#)

URL: <https://www.pasternack.com/flexible-0.870-rg218-50-ohm-coax-cable-pvc-jacket-rg218-u-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. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

RG218/U CAD Drawing

Flexible RG218 Coax Cable Single Shielded with Black PVC Jacket



STANDARD TOLERANCES	
.X	±0.2
.XX	±0.01
.XXX	±0.005

*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES
*CABLE JACKET SHALL BE MARKED WITH THE COAX GENERIC NAME AND LOT ID



Pasternack Enterprises, Inc.
P.O. Box 16759 | Irvine | CA | 92623
Phone: (949) 261-1920 | **Fax:** (949) 261-7451
Website: www.pasternack.com | **E-Mail:** sales@pasternack.com

DWG TITLE

RG218/U

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].

CAGE CODE 53919

CAD FILE 04/05/18

SCALE N/A

SIZE A

7361