

Flexible RG122 Coax Cable Single
Shielded with Black PVC Jacket

TECHNICAL DATA SHEET

RG122/U

Flexible RG122 Coax Cable Single Shielded with Black PVC Jacket

Configuration

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

Electrical Specifications

Impedance, Ohms	50
Velocity of Propagation, %	66
Time Delay, ns/ft [ns/m]	1.54 [5.05]
Maximum Operating Frequency, MHz	1000
Capacitance, pF/ft [pF/m]	30.8 [101.05]
Maximum Operating Voltage, Volts	1,400

Electrical Specifications by Frequency

Frequency 1

Frequency, MHz	50
Attenuation, dB/100ft [dB/100m]	4.5 [14.76]

Frequency 2

Frequency, MHz	100
Attenuation, dB/100ft [dB/100m]	7 [22.97]

Frequency 3

Frequency, MHz	200
Attenuation, dB/100ft [dB/100m]	11 [36.09]

Frequency 4

Frequency, MHz	400
Attenuation, dB/100ft [dB/100m]	16.5 [54.13]

Frequency 5

Frequency, MHz	700
Attenuation, dB/100ft [dB/100m]	23.5 [77.1]

Frequency 6

Frequency, MHz	900
Attenuation, dB/100ft [dB/100m]	27.3 [89.57]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG122 Coax Cable Single Shielded with Black PVC Jacket RG122/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.

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RG122/U**Frequency 7**

Frequency, MHz	1000
Attenuation, dB/100ft [dB/100m]	29 [95.14]

Mechanical Specifications**Temperature**

Operating Range, deg C	-40 to +80
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Inner Conductor

Number of Strands	27
Material	Copper
Plating	Tin
Diameter, in [mm]	0.03 [0.76]

Dielectric:

Type	PE
Diameter, in [mm]	0.096 [2.44]

Shield:

Number of	1
Material 1	Tinned Copper Braid

Jacket:

Material	PVC
Diameter, in [mm]	0.16 [4.06]
Color	Black
One Time Minimum Bend Radius, in [mm]	1.6 [40.64]
Weight, lbs/ft [Kg/m]	0.019 [0.03]

Compliance Certifications (visit www.Pasternack.com for current document)**Plotted and Other Data**

Notes:	Values at 25 °C, sea level
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Flexible RG122 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.

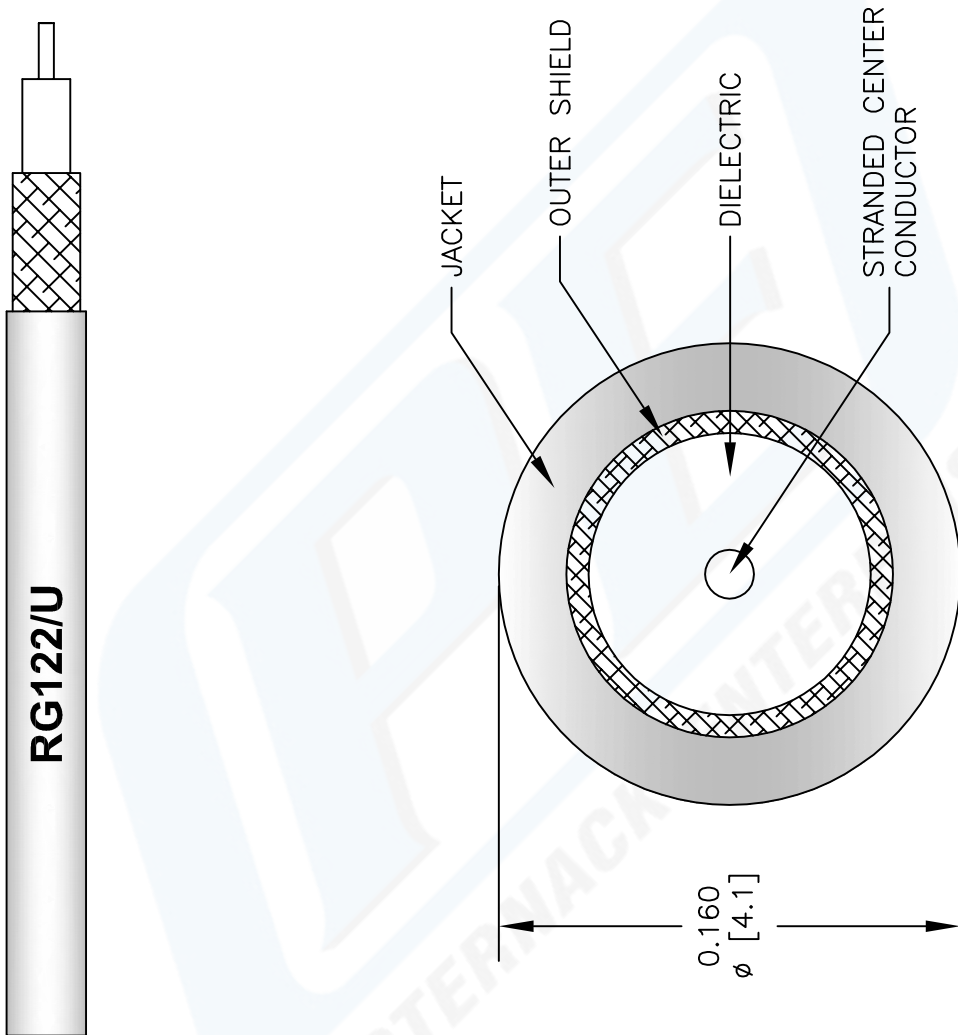
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG122 Coax Cable Single Shielded with Black PVC Jacket RG122/U](http://www.pasternack.com/flexible-0.160-rg122-50-ohm-coax-cable-pvc-jacket-rg122-u-p.aspx)

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RG122/U CAD Drawing

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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].

DWG TITLE		FSCM NO. 53919
RG122/U		
REV. B		

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