



75 Ohm Flexible RG216 Coax Cable Double
Shielded with Black PVC Jacket

TECHNICAL DATA SHEET

RG216/U

75 Ohm Flexible RG216 Coax Cable Double Shielded with Black PVC Jacket

Configuration

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

Electrical Specifications

Impedance, Ohms	75
Velocity of Propagation, %	66
Maximum Operating Frequency, GHz	3
Capacitance, pF/ft [pF/m]	20.7 [67.91]
Maximum Operating Voltage, Volts	3,700
Dielectric Withstanding Voltage, Vrms	10,000

Electrical Specifications by Frequency

Frequency 1

Frequency, MHz	10
Attenuation, dB/100ft [dB/100m]	0.66 [2.17]
Power Handling, KWatts	2.5

Frequency 2

Frequency, MHz	100
Attenuation, dB/100ft [dB/100m]	2.2 [7.22]
Power Handling, Watts	650

Frequency 3

Frequency, MHz	1000
Attenuation, dB/100ft [dB/100m]	9 [29.53]
Power Handling, Watts	150

Mechanical Specifications

Temperature

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

Number of Strands	7
Material	Copper
Plating	Tin
Diameter, in [mm]	0.047 [1.19]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [75 Ohm Flexible RG216 Coax Cable Double Shielded with Black PVC Jacket RG216/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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Dielectric:

Type	PE
Diameter, in [mm]	0.285 [7.24]

Shield:

Number of	2
Material 1	Copper Braid
Material 2	Copper Braid
Diameter, in [mm]	0.331 [8.41]

Jacket:

Material	PVC
Diameter, in [mm]	0.425 [10.8]
Color	Black
Weight, lbs/ft [Kg/m]	0.134 [0.2]

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

RoHS Compliant	Yes
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Plotted and Other Data

Notes:	Values at 25 °C, sea level
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75 Ohm Flexible RG216 Coax Cable Double 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.

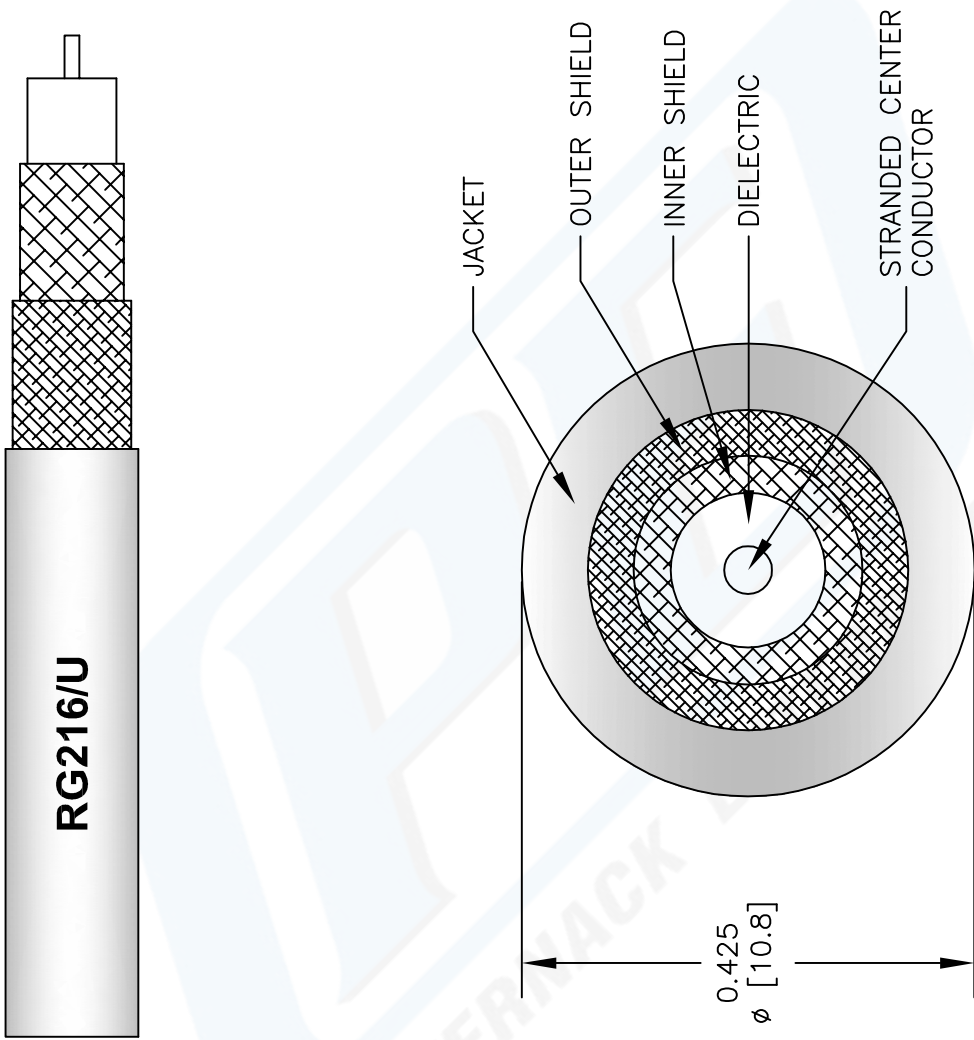
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URL: <http://www.pasternack.com/flexible-0.425-rg216-75-ohm-coax-cable-pvc-jacket-rg216-u-p.aspx>

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RG216/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
RG216/U

REV. A FSCM NO. 53919

CAD FILE 040113-A

SCALE N/A

SIZE A

147

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