



Flexible RG8 Type with Wound Filament Dielectric Coax  
Cable Double Shielded with Black PVC Jacket

TECHNICAL DATA SHEET

PE-B405

Flexible RG8 Type with Wound Filament Dielectric Coax Cable Double Shielded with Black PVC Jacket

**Configuration**

Inner Conductor Material and Plating	Copper
Dielectric Type	PE (AS)
Shield Materials	Aluminum Tape, Tinned Copper Braid
Jacket Material and Color	PVC, Black

**Electrical Specifications**

Impedance, Ohms	50
Velocity of Propagation, %	83
Maximum Operating Frequency, MHz	1000
Capacitance, pF/ft [pF/m]	24.6 [80.71]

**Electrical Specifications by Frequency**

**Frequency 1**

Frequency, MHz	1
Attenuation, dB/100ft [dB/100m]	0.4 [1.31]

**Frequency 2**

Frequency, MHz	10
Attenuation, dB/100ft [dB/100m]	0.6 [1.97]

**Frequency 3**

Frequency, MHz	50
Attenuation, dB/100ft [dB/100m]	1.3 [4.27]

**Frequency 4**

Frequency, MHz	400
Attenuation, dB/100ft [dB/100m]	3.5 [11.48]

**Frequency 5**

Frequency, MHz	700
Attenuation, dB/100ft [dB/100m]	4.6 [15.09]

**Frequency 6**

Frequency, MHz	900
Attenuation, dB/100ft [dB/100m]	5.1 [16.73]

**Frequency 7**

Frequency, MHz	1000
Attenuation, dB/100ft [dB/100m]	5.4 [17.72]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG8 Type with Wound Filament Dielectric Coax Cable Double Shielded with Black PVC Jacket PE-B405](#)

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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**Mechanical Specifications**

**Inner Conductor**

Material	Copper
Diameter, in [mm]	0.108 [2.74]

**Dielectric:**

Type	PE (AS)
Diameter, in [mm]	0.286 [7.26]

**Shield:**

Number of	2
Material 1	Aluminum Tape
Material 2	Tinned Copper Braid

**Jacket:**

Material	PVC
Diameter, in [mm]	0.4 [10.16]
Color	Black
Weight, lbs/ft [Kg/m]	0.115 [0.17]

**Compliance Certifications** (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

**Plotted and Other Data**

Notes:	Values at 25 °C, sea level
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Flexible RG8 Type with Wound Filament Dielectric 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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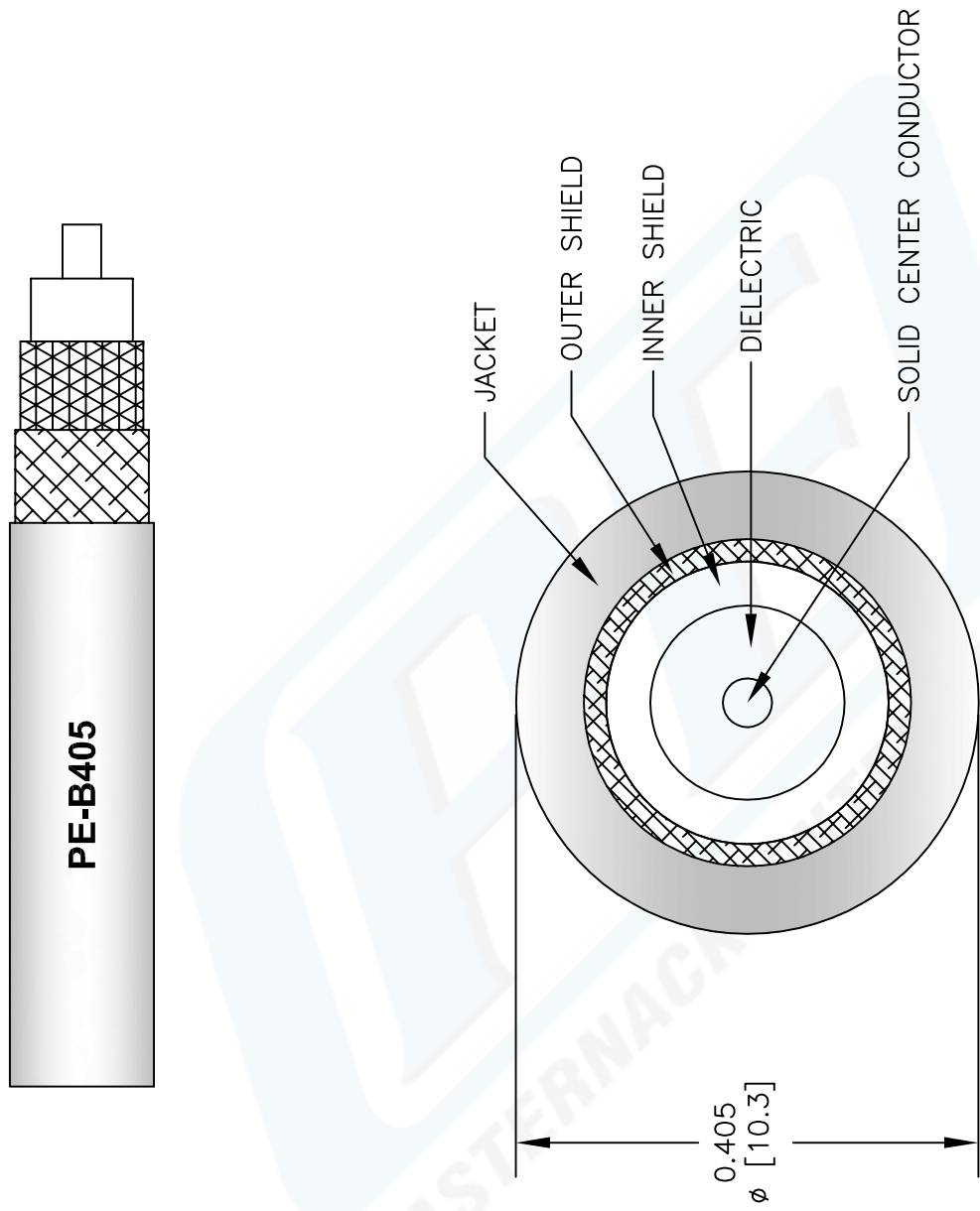
URL: <http://www.pasternack.com/flexible-0.405-rg8-type-50-ohm-coax-cable-pvc-jacket-pe-b405-p.aspx>

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# PE-B405 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		CAD FILE 022808		SCALE N/A	SIZE A	127
PE-B405								

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