

75 Ohm Flexible RG59 Type Coax Cable
Double Shielded with Black PVC Jacket

TECHNICAL DATA SHEET

PE-B305

75 Ohm Flexible RG59 Type Coax Cable Double Shielded with Black PVC Jacket

Configuration

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

Electrical Specifications

Impedance, Ohms	75
Maximum Operating Frequency, MHz	1000
Capacitance, pF/ft [pF/m]	21 [68.9]
Maximum Operating Voltage, Volts	2,900

Electrical Specifications by Frequency

Frequency 1

Frequency, MHz	10
Attenuation, dB/100ft [dB/100m]	0.78 [2.56]
Power Handling, Watts	595

Frequency 2

Frequency, MHz	100
Attenuation, dB/100ft [dB/100m]	2.5 [8.2]
Power Handling, Watts	187

Frequency 3

Frequency, MHz	720
Attenuation, dB/100ft [dB/100m]	7.4 [24.28]
Power Handling, Watts	64

Frequency 4

Frequency, MHz	1000
Attenuation, dB/100ft [dB/100m]	9.2 [30.18]
Power Handling, Watts	52

Frequency 5

Frequency, GHz	5
Attenuation, dB/100ft [dB/100m]	23 [75.46]

Mechanical Specifications

Temperature

Operating Range, deg C	-40 to +80
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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 RG59 Type Coax Cable Double Shielded with Black PVC Jacket PE-B305](#)

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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Inner Conductor

Number of Strands	1
Material	Copper
Diameter, in [mm]	0.031 [0.79]

Dielectric:

Type	PE
Diameter, in [mm]	0.198 [5.03]

Shield:

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

Jacket:

Material	PVC
Diameter, in [mm]	0.305 [7.75]
Color	Black
Weight, lbs/ft [Kg/m]	0.074 [0.11]

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

Plotted and Other Data

Notes:	Values at 25 °C, sea level
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75 Ohm Flexible RG59 Type 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.

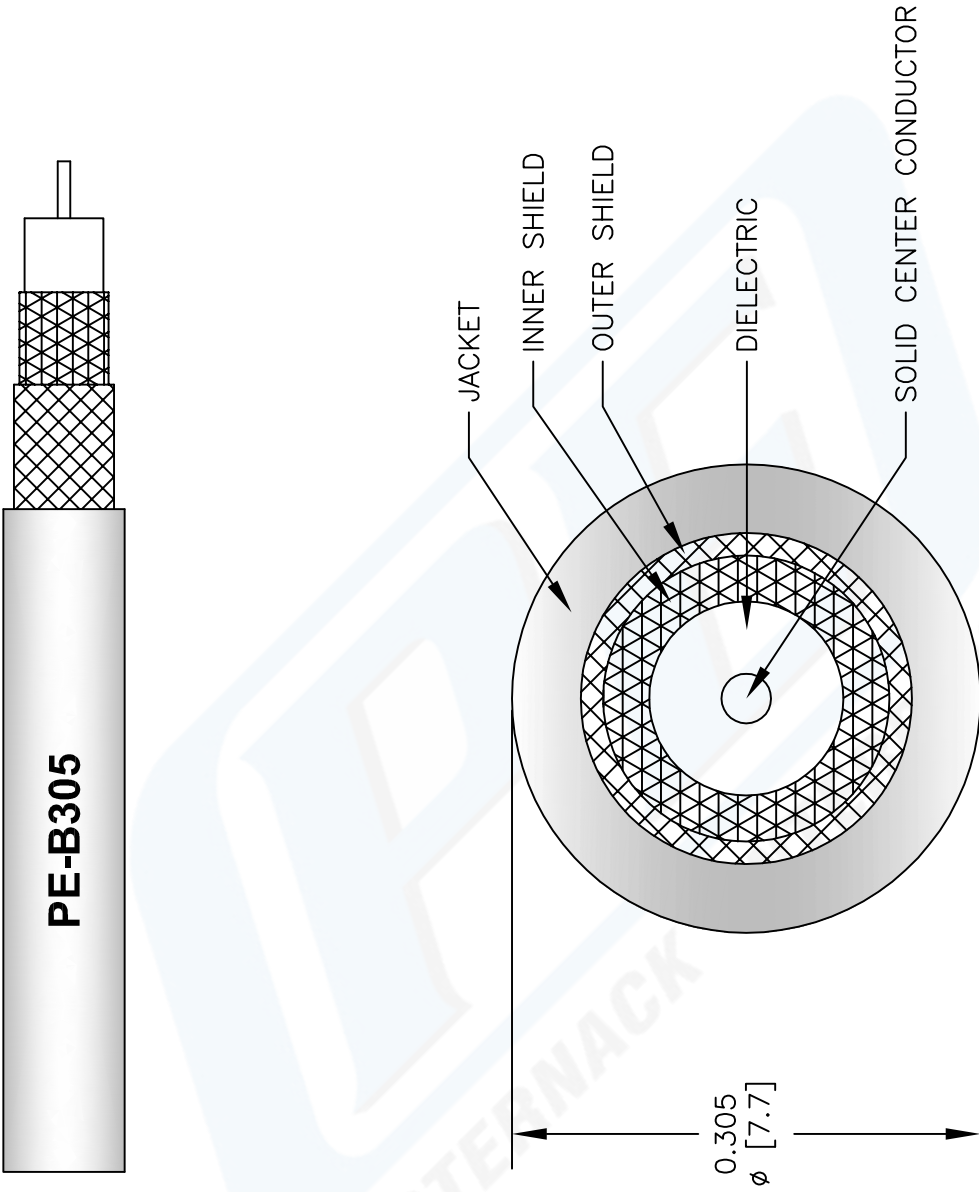
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URL: <http://www.pasternack.com/flexible-0.305-rg59-type-75-ohm-coax-cable-pvc-jacket-pe-b305-p.aspx>

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PE-B305 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

PE-B305

FSCM NO. 53919

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