



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

RF Cables Technical Data Sheet

PE-B305-BULK

Configuration

- Flexible Cable
- 2 Shield(s)

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		1,000	MHz
Impedance		75		Ohms
Operating Voltage (AC)			2,900	Vrms
Nominal Capacitance		21 [68.9]		pF/ft [pF/m]

Performance by Frequency Band

Description	F1	F2	F3	F4	F5	Units
Frequency	0.01	0.1	0.72	1	5	GHz
Attenuation, Typ	0.78	2.5	7.4	9.2	23	dB/100ft
	2.56	8.2	24.28	30.18	75.46	dB/100m
Input Power (CW), Max	595	187	64	52		Watts

Mechanical Specifications

Diameter	0.305 in [7.75 mm]
Weight	0.074 lbs/ft [0.11 kg/m]

Construction Specifications

Description	Material and Plating	Diameter
Inner Conductor	Copper, 1 Strand	0.031 in [0.79 mm]
Conductor Type	Solid	
Dielectric	PE	0.198 in [5.03 mm]
First Shield	Tinned Copper Braid	[]
Second Shield	Tinned Copper Braid	[]

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-BULK](#)



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

RF Cables
Technical Data Sheet

PE-B305-BULK

Jacket	PVC, Black	0.305 in [7.75 mm]
--------	------------	--------------------

Environmental Specifications

Temperature

Operating Range

-40 to +80 deg C

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

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 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: [75 Ohm Flexible RG59 Type Coax Cable Double Shielded with Black PVC Jacket PE-B305-BULK](#)

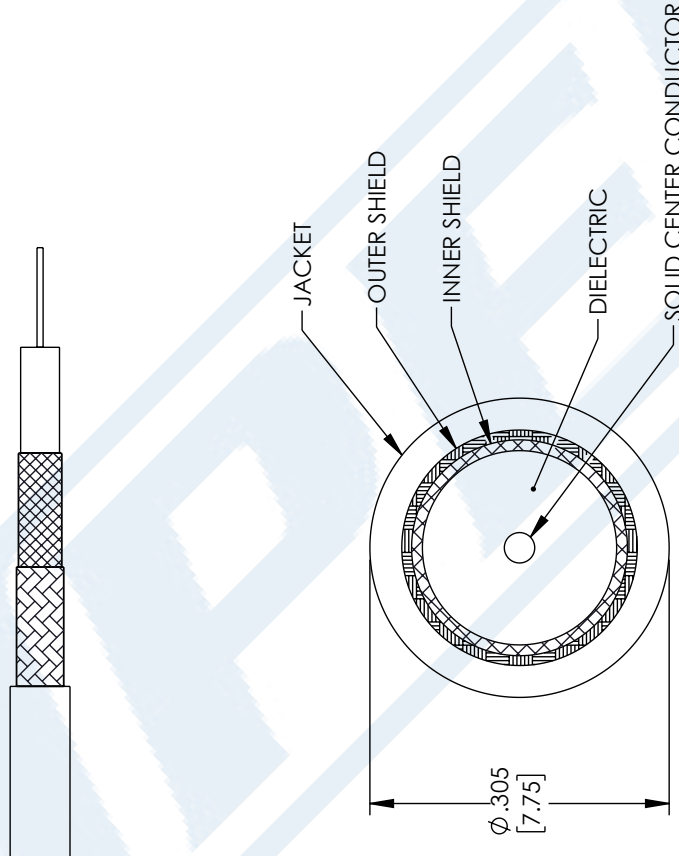
URL: <https://www.pasternack.com/flexible-0.305-rg59-type-75-ohm-coax-cable-pvc-jacket-pe-b305-bulk-p.aspx>

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.

PE-B305-BULK CAD Drawing

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

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	03/04/2022	AGANWANI



PE PASTERNAK an INFINITI® brand Pasternack Enterprises, Inc. P.O. Box 16759, Irvine, CA 92623. Phone: 1.949.261.1920 1.866.727.8376 Fax: 1.949.261.7451 Website: www.pasternack.com E-mail: sales@pasternack.com		THIRD-ANGLE PROJECTION THE INFORMATION AND DESIGN IN THIS DOCUMENT IS THE PROPERTY OF PASTERNAK CORPORATION. ALL RIGHTS RESERVED. SHEET 1 OF 1 SCALE N/A	
UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS TOLERANCES: X = ± .2 [5.08] .XX = ± .02 [.51] .XXX = ± .005 [.13] CABLE LENGTH (L) TOLERANCES: L ≤ 12 [305] = +1 [25] / -0 12 [305] < L ≤ 60 [1524] = +2 [51] / -0 60 [1524] < L ≤ 120 [3048] = +4 [102] / -0 120 [3048] < L ≤ 300 [7620] = +6 [152] / -0 300 [7620] < L = +5% / -0 ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.	PE PASTERNAK an INFINITI® brand Pasternack Enterprises, Inc. P.O. Box 16759, Irvine, CA 92623. Phone: 1.949.261.1920 1.866.727.8376 Fax: 1.949.261.7451 Website: www.pasternack.com E-mail: sales@pasternack.com	SIZE A CAGE CODE 53919 DRAWN BY DZINN ITEM NO. PE-B305-BULK REV A	THIRD-ANGLE PROJECTION THE INFORMATION AND DESIGN IN THIS DOCUMENT IS THE PROPERTY OF PASTERNAK CORPORATION. ALL RIGHTS RESERVED. SHEET 1 OF 1 SCALE N/A

THESE COMMODITIES, TECHNOLOGY OR SOFTWARE WERE EXPORTED FROM THE UNITED STATES IN ACCORDANCE WITH THE EXPORT ADMINISTRATION REGULATIONS. DIVERSION CONTRARY TO U.S. LAW PROHIBITED.