



Low Loss Flexible .600 inch Foam Dielectric Type Coax
Cable Double Shielded with Black PE Jacket

RF Cables Technical Data Sheet

PE-C600-BULK

Configuration

- Low Loss Flexible Cable
- 2 Shield(s)

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		6	GHz
Impedance		50		Ohms
Velocity of Propagation		87		%
Shielding Effectiveness	90			dB
Jacket Spark			5,000	Vrms
Nominal Capacitance		23.4 [76.77]		pF/ft [pF/m]
Input Power (Peak)			40	kWatts

Performance by Frequency Band

Description	F1	F2	F3	F4	F5	Units
Frequency	0.15	0.45	0.9	1.5	1.8	GHz
Attenuation, Typ	1	1.7	2.5	3.3	3.7	dB/100ft
	3.28	5.58	8.2	10.83	12.14	dB/100m
Input Power (CW), Max	2,160	1,230	840	630	570	Watts

Description	F6	F7	F8	F9	F10	Units
Frequency	2	2.5	6			GHz
Attenuation, Typ	3.9	4.4	7.3			dB/100ft
	12.8	14.44	23.95			dB/100m
Input Power (CW), Max	540	480	290			Watts

Mechanical Specifications

Diameter	0.59 in [14.99 mm]
Weight	0.127 lbs/ft [0.19 kg/m]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Low Loss Flexible .600 inch Foam Dielectric Type Coax Cable Double Shielded with Black PE Jacket PE-C600-BULK](#)



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Min. Bend Radius (Repeated) 6 in [152.4 mm]

Construction Specifications

Description	Material and Plating	Diameter
Inner Conductor	Copper Clad Aluminum, 1 Strand	0.176 in [4.47 mm]
Conductor Type	Solid	
Dielectric	PE (F)	0.455 in [11.56 mm]
First Shield	Aluminum Tape	[]
Second Shield	Tinned Copper Braid	[]
Jacket	PE, Black	0.59 in [14.99 mm]

Environmental Specifications

Temperature

Operating Range

-40 to +85 deg C

Storage Range

-40 to +85 deg C

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

Plotted and Other Data

Notes:

Low Loss Flexible .600 inch Foam Dielectric Type Coax Cable Double Shielded with Black PE 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.

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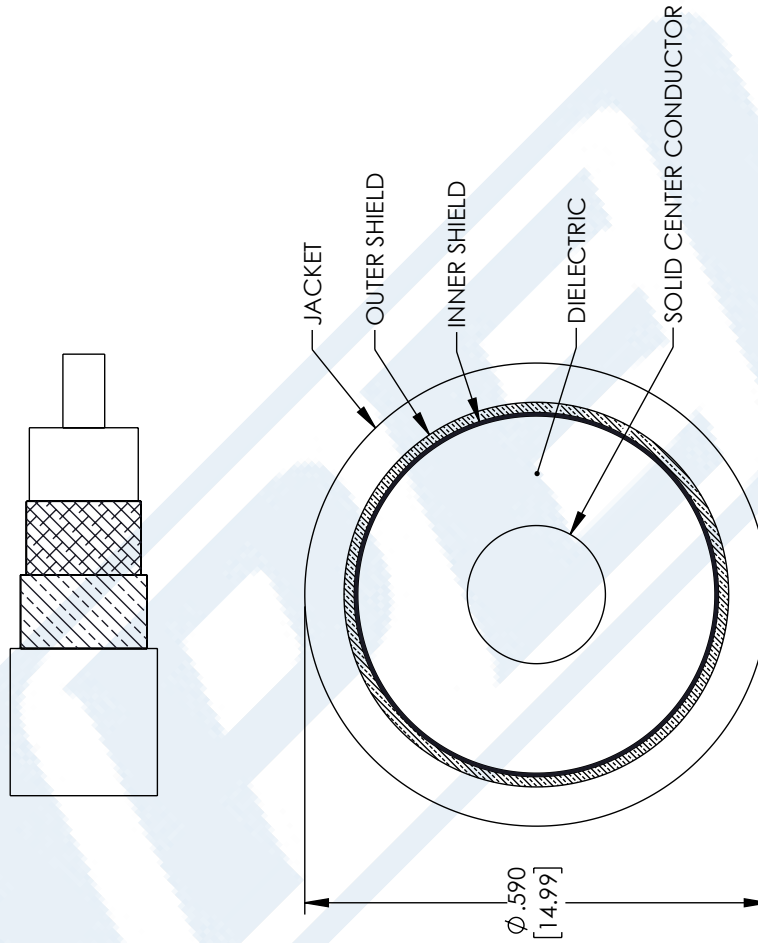
URL: <https://www.pasternack.com/flexible-0.590-50-ohm-coax-cable-pe-jacket-pe-c600-bulk-p.aspx>

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-C600-BULK CAD Drawing

Low Loss Flexible .600 inch Foam Dielectric Type Coax
Cable Double Shielded with Black PE Jacket

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



UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS				<			
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