



0 to 100 dB Rotary Step Attenuator, BNC Female To BNC Female With 10 dB Step Rated To 1 Watt Up To 1000 MHz

RF Step Attenuators Technical Data Sheet

PE7034-2

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		1,000	MHz
Impedance		50		Ohms
Insertion Loss			0.3	dB
Attenuation Value		0 to 100		dB
Step Size		10		dB
Step Type		Rotary		
Input Power			1	Watts
Input Power, Peak			1	KWatts

Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Range	DC to 1					GHz
VSWR	1.2:1					
Attenuation Accuracy	2					dB

Mechanical Specifications

Size

Length	4.5 in [114.3 mm]
Width	4 in [101.6 mm]
Height	4 in [101.6 mm]
Weight	1.1 lbs [498.95 g]
Body Material and Plating	Aluminum

Connectors

Description	Connector 1	Connector 2
Type	BNC Female	BNC Female

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [0 to 100 dB Rotary Step Attenuator, BNC Female To BNC Female With 10 dB Step Rated To 1 Watt Up To 1000 MHz PE7034-2](#)





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Environmental Specifications

Temperature

Operating Range

-20 to 85 deg C

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

Plotted and Other Data

Notes:

0 to 100 dB Rotary Step Attenuator, BNC Female To BNC Female With 10 dB Step Rated To 1 Watt Up To 1000 MHz 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: [0 to 100 dB Rotary Step Attenuator, BNC Female To BNC Female With 10 dB Step Rated To 1 Watt Up To 1000 MHz PE7034-2](#)

URL: <https://www.pasternack.com/100db-step-bnc-female-bnc-female-1-watt-attenuator-pe7034-2-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.

PE7034-2 CAD Drawing

0 to 100 dB Rotary Step Attenuator, BNC Female To BNC Female
With 10 dB Step Rated To 1 Watt Up To 1000 MHz

P/N	MAX. ATTEN.	STEP SIZE	LENGTH (L)	DIA. (D)	A	B	FIGURE
PE7034-1	1 dB	.1	2.00" [50.8]	1.50" [38.1]	0.77" [19.6]	0.83" [21.1]	1
PE7034-2	100 dB	10	2.67" [67.8]	1.50" [38.1]	1.44" [36.6]	0.82" [20.8]	1
PE7034-3	10 dB	1	1.83" [46.4]	1.30" [33.0]	0.72" [18.3]	0.63" [15.9]	1
PE7034-4	70 dB	10	2.71" [68.9]	1.30" [33.0]	1.50" [38.1]	0.65" [16.5]	1
PE7034-5	100 dB	10	4.02" [102.0]	1.30" [33.0]	2.39" [60.6]	0.97" [24.6]	1
PE7034-6	1 dB	.1	2.00" [50.8]	1.50" [38.1]	0.77" [19.6]	0.83" [21.1]	1

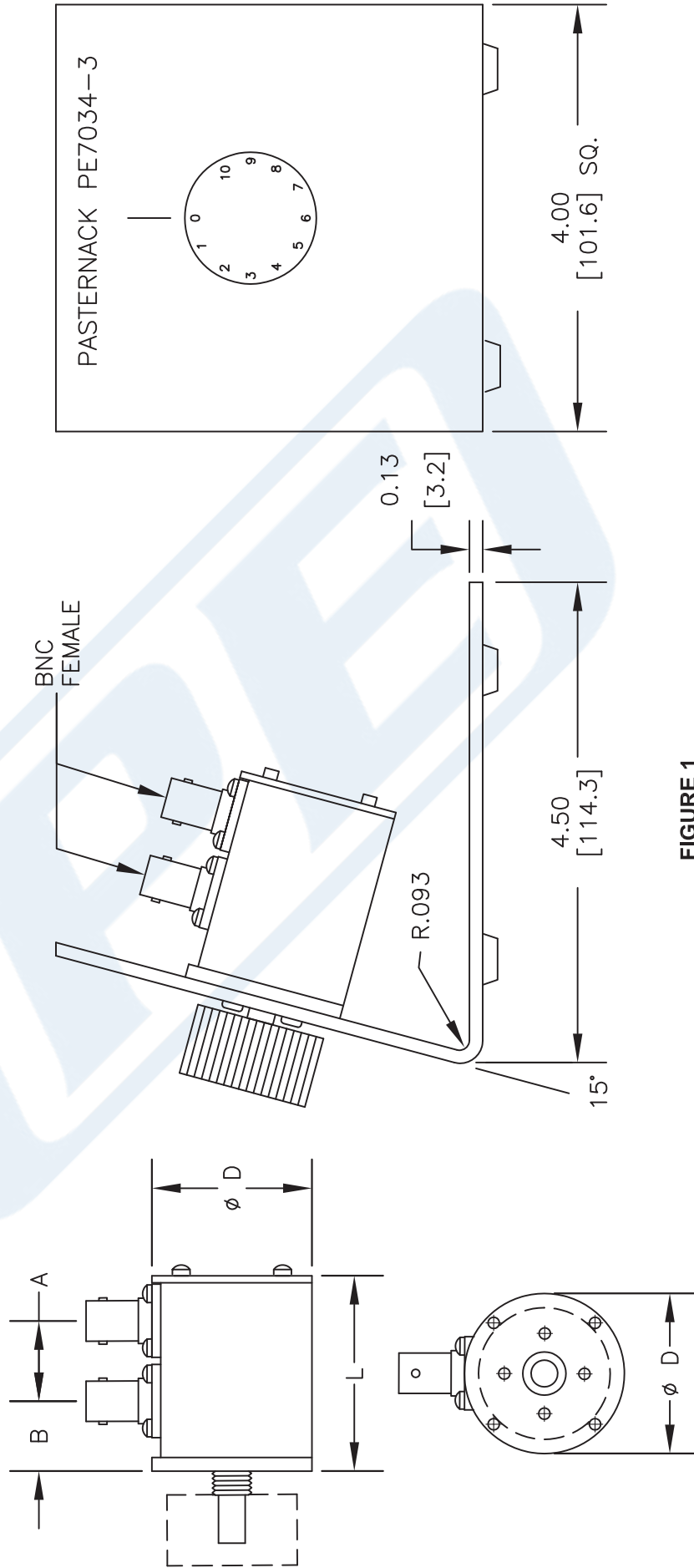


FIGURE 1

DWG TITLE

PE7034

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].

PE PASTERNAK®
Pasternack Enterprises, Inc.
P.O. Box 16759 | Irvine | CA | 92623
Phone: (949) 261-1920 | Fax: (949) 261-7451
Website: www.pasternack.com | E-Mail: sales@pasternack.com

FSCM NO. 53919

CAD FILE 011014

SCALE N/A

SIZE A

2233