



0 to 42 dB Toggle Step Attenuator, BNC Female To BNC  
Female With 1 dB Step Rated To 10 Watts Up To 500 MHz

TECHNICAL DATA SHEET

PE7037-1

**0 to 42 dB Toggle Step Attenuator, BNC Female To BNC Female With 1 dB Step Rated To 10 Watts Up To 500 MHz**

**Configuration**

Design	Step, Bidirectional Attenuator
Connector 1	BNC Female
Connector 2	BNC Female

**Electrical Specifications**

Frequency Range, MHz	DC to 500
Impedance, Ohms	50
Attenuation Value, dB	0 to 42
Step Size, dB	1
Step Type	Toggle
Maximum Input Power, Watts	10
Maximum VSWR	1.5:1

**Frequency 1**

Range, MHz	DC to 500
Attenuation Accuracy, dB	± 1.5

**Mechanical Specifications**

**Size**

Length, in [mm]	6.24 [158.5]
Width, in [mm]	1.44 [36.58]
Height, in [mm]	1.444 [36.68]

**Connector 1**

Type	BNC Female
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**Connector 2**

Type	BNC Female
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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: [0 to 42 dB Toggle Step Attenuator, BNC Female To BNC Female With 1 dB Step Rated To 10 Watts Up To 500 MHz PE7037-1](#)

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

**Plotted and Other Data**

Notes:

Values at 25 °C, sea level

0 to 42 dB Toggle Step Attenuator, BNC Female To BNC Female With 1 dB Step Rated To 10 Watts Up To 500 MHz 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.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [0 to 42 dB Toggle Step Attenuator, BNC Female To BNC Female With 1 dB Step Rated To 10 Watts Up To 500 MHz PE7037-1](http://www.pasternack.com/42db-step-bnc-female-bnc-female-1-watt-attenuator-pe7037-1-p.aspx)

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# PE7037-1 CAD Drawing

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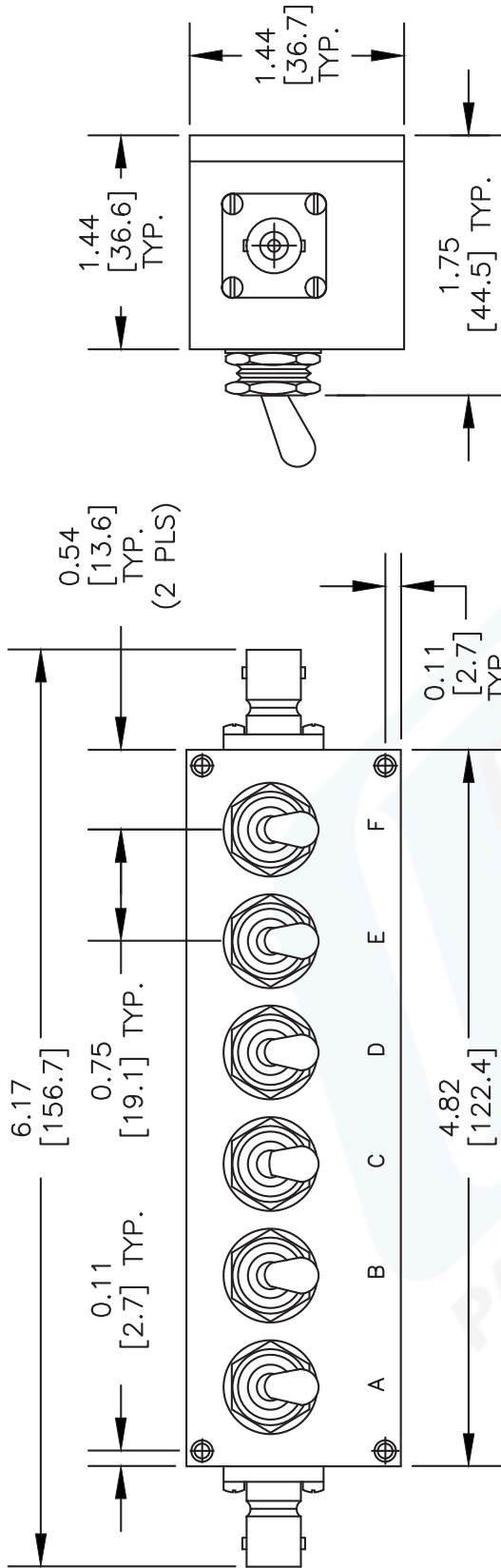
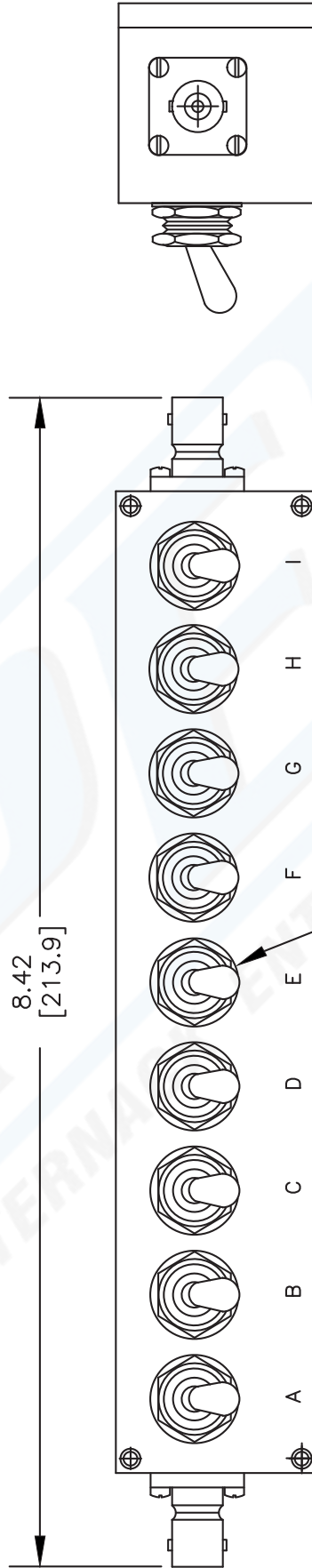


FIGURE 1



P/N	ATTEN.										FIGURE	
	A	B	C	D	E	F	G	H	I			
PE7037-1	1	2	3	6	10	20					1	
PE7037-2	.5	1	2	3	6	10	20	20	20		2	

VALUES ABOVE WILL BE PRINTED ON THE BODY

FIGURE 2

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

PE7037

**PASTERNACK®**

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FSCM NO. 53919

CAD FILE 022613

SCALE N/A

SIZE A

2231