

60 dB Fixed Attenuator, 7/16 DIN Male To SMA Female Directional Rated To 100 Watts Up To 6 GHz



## **TECHNICAL DATA SHEET**

## PE7223-60

<ul> <li>Pasternack Enterprises line of 100W Attenuator</li> <li>N, SMA and TNC in-series and between-series</li> <li>Passivated Stainless Steel SMA, TNC and No</li> <li>100W Attenuators come in 3 dB, 6 dB, 10 dB</li> <li>degrees C. Additional connector combinations</li> <li>100W average power and 2,000W peak pow</li> <li>Operate to 6 GHz</li> <li>Temperature range of -55 to +125 degrees C</li> <li>42 in-series and between series combination</li> <li>7/16 DIN, SMA, N, TNC Male and Female combined</li> </ul>	s onnectors are available
Other connector combinations available upor	Trequest
Configuration	
Design	Fixed, Directional Attenuator
Connector 1	7/16 DIN Male
Connector 2	SMA Female
Body Material and Plating	Aluminum Heatsink, Black Anodized
Electrical Specifications	
Frequency Range, GHz	DC to 6
Impedance, Ohms	50
Attenuation Value, dB	60
Maximum Input Power, Watts	100
Maximum VSWR	1.45:1
Frequency 1	
Range, GHz	DC to 2
VSWR	1.2:1
Attenuation Accuracy, dB	± 1.5
Frequency 2	
Range, GHz	2 to 4
VSWR	1.35:1
Attenuation Accuracy, dB	±2
Frequency 3	
Range, GHz	4 to 6
VSWR	1.45:1
Attenuation Accuracy, dB	± 2.5
Mechanical Specifications Temperature	
Operating Range, deg C	-55 to +125
	"SEARCH" on website) to obtain additional part information including price ator, 7/16 DIN Male To SMA Female Directional Rated To 100 Watts Up To

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 Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623 **Phone:** (866) 727-8376 or (949) 261-1920 • **Fax:** (949) 261-7451 Sales@Pasternack.com • Techsupport@Pasternack.com





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Size Length, in [mm] Width, in [mm] Height, in [mm] Weight, Ibs [Kg]	4.9 [124.46] 3.8 [96.52] 2.7 [68.58] 3 [1.36]
Connector 1 Type Contact Material and Plating Coupling Nut Material and Plating Body Material and Plating	7/16 DIN Male Brass, Silver Brass, Silver Brass, Silver
Connector 2 Type Contact Material and Plating Body Material and Plating	SMA Female Beryllium Copper, Gold Stainless Steel, Passivated

Compliance Certifications (visit www.Pasternack.com for current document) **RoHS** Compliant Yes

## Plotted and Other Data

Notes:

Values at 25 °C, sea level

URL: http://www.pasternack.com/60db-fixed-7-16-male-sma-female-100-watts-attenuator-pe7223-60-p.aspx

60 dB Fixed Attenuator, 7/16 DIN Male To SMA Female Directional Rated To 100 Watts Up To 6 GHz 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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PE7223-60 CAD Drawing 60 dB Fixed Attenuator, 7/16 DIN Male To SMA Female Directional Rated To 100 Watts Up To 6 GHz

-	-	Table of	Table of Information		Part Number Configuration	nriguration	
"^" 4.90	" ^ "	Connector Type	e DIM "A" (REF.)	xx	Input Connector	Output Connector	nector
1	¢	SMA Male	0.68	01	7/16 Female	7/16 Male	
1		SMA Female	0.54	02	N Female	7/16 Male	
				03	7/16 Male	7/16 Female	
		TNC Male	0.98	04	7/16 Female	7/16 Female	
		TNC Female	0.94	05	N Male	7/16 Female	c 414
				90	N Female	7/16 Female	
		N Female	0.95	07	7/16 Female	N Male	
		N Male	0.98	08	N Female	N Male	
	ן – ן ן (			60	SMA Female	N Male	
		7/16 Male	1.12	10	TNC Female	N Male	
		7/16 Female	1.16	1	7/16 Male	N Female	
I	I			12	7/16 Female	N Female	
				13	N Male	N Female	
	-			14	N Female	N Female	
				15	SMA Male	N Female	
				16	SMA Female	N Female	
				17	TNC Male	N Female	
				18	TNC Female	N Female	
				19	7/16 Female	SMA Male	
	,	TUIT		20	N Female	SMA Male	
× + .00		ULPUI		21	SMA Female	SMA Male	
[116.8]	0	CONNECTOR		22	TNC Female	SMA Male	
INDUT				23	7/16 Male	SMA Female	-
CONNECTOR TOD VIEW				24	7/16 Female	SMA Female	
•				25	N Male	SMA Female	-
				26	N Female	SMA Female	
				27	SMA Nale	SMA Female	
DP. / [50.8]				28	SMA Female	SMA Female	m
				29	NC Male	SMA Female	0
		-		30	TNC Female	SMA Female	-
				31	7/16 Female	TNC Male	
				32	N Female	TNC Male	
				33	SMA Female	TNC Male	
		+		34	TNC Female	TNC Male	
I	ľ	2.70 REF.		35	7/16 Male	TNC Female	12.201
		[68.6]		36	7/16 Female	TNC Female	114275
	ך ק	י - י		37	N Male	TNC Female	
				38	N Female	TNC Female	
		5		39	SMA Nale	TNC Female	
		-		40	SMA Female	TNC Female	0.42
				41	TNC Male	TNC Female	
				42	TNC Female	TNC Female	
SIDE VIEW				-yy	Indicates Attenuation Level	n Level	
	ристице РЕ72xx-уу		OTES: - Unless otherwise - All Specification: - Dimensions are in	E SPECIFIEI S ARE SUB INCHES [m	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].	NOMINAL. DUT NOTICE AT A	NY TIME.
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