

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



TECHNICAL DATA SHEET

PE7224-10

Pasternack Enterprises line of 100W Attenuato N, SMA and TNC in-series and between-series Passivated Stainless Steel SMA, TNC and N of 100W Attenuators come in 3 dB, 6 dB, 10 dB,	s nnectors are available
Configuration	
Design	Fixed, Directional Attenuator
Connector 1	7/16 DIN Female
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	10
Maximum Input Power, Watts	100
Maximum VSWR	1.45:1
Frequency 1	
Range, GHz	DC to 2
VSWR	1.2:1
Attenuation Accuracy, dB	± 0.75
Frequency 2	
Range, GHz	2 to 4
VSWR	1.35:1
Attenuation Accuracy, dB	± 1
Frequency 3	
Range, GHz	4 to 6
VSWR	1.45:1
Attenuation Accuracy, dB	± 1.25
Mechanical Specifications Temperature	
Operating Range, deg C	-55 to +125
inventory and certifications: 10 dB Fixed Attenua To 6 GHz PE7224-10	"SEARCH" on website) to obtain additional part information including price ator, 7/16 DIN Female To SMA Female Directional Rated To 100 Watts Up
ne information contained in this document is accura	te to the best of our knowledge and representative of the part describe

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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S	Size
ı	onath

Length, in [mm] Width, in [mm] Height, in [mm]

Weight, lbs [Kg]

Connector 1 Type Contact Material and Plating Body Material and Plating

Connector 2 Type Contact Material and Plating Body Material and Plating 4.9 [124.46] 3.8 [96.52] 2.7 [68.58] 3 [1.36]

7/16 DIN Female Brass, Silver Brass, Silver

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/10db-fixed-7-16-female-sma-female-100-watts-attenuator-pe7224-10-p.aspx

10 dB Fixed Attenuator, 7/16 DIN Female 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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PE7224-10 CAD Drawing 10 dB Fixed Attenuator, 7/16 DIN Female To SMA Female Directional Rated To 100 Watts Up To 6 GHz

		Table of	Table of Information		Part Number Configuration	Infiguration	
" _A " 4.90	" ^ "	Connector Type	DIM "A" (REF.)	xx	Input Connector	Output Connector	ctor
	<	SMA Male	0.68	01	7/16 Female	7/16 Male	
		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	
				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	
	 			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			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	
		TI ICTI I		20	N Female	SMA Male	
				21	SMA Female	SMA Male	
[116.8]		CONNECTOR		22	TNC Female	SMA Male	
INPLIT				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	
IAP				27	SMA Nale	SMA Female	
0.4 [10] DP. [50.8]				28	SMA Female	SMA Female	
				29	TNC Male	SMA Female	
		-		30	TNC Female	SMA Female	
				31	7/16 Female	TNC Male	
				32	N Female	TNC Male	
				33	SMA Female	INC Male	
				34	NC Female	INC Male	
0.85		Z./U KEF.		35	i/16 Male	INC Female	
[21.1]	I	[68.6]		36	7/16 Female	TNC Female	
				30	N Male	TNC Female	
		2		39	SMA Male	TNC Female	
		Ś		40	SMA Female	TNC Female	
				41	TNC Male	TNC Female	
		0		42	TNC Female	TNC Female	
SIDE VIEW				-yy	Indicates Attenuation Level	i Level	
Pasternack Enterprises, Inc. P.O. Box 16759 Invine CA 92623	рия тп.е. РЕ72xx-уу		IOTES: - UNLESS OTHERWISE - UNL SPECIFICATIONS - ALL SPECIFICATIONS - DIMENSIONS ARE IN	SPECIFIEL ARE SUB. INCHES [mi	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].	IOMINAL. UT NOTICE AT ANY	TIME.
Phone: (949) 261-1920 Fax: (949) 261-7451 Website: www.pasternack.com E-Mail: sales@pasternack.com	FSCM NO.	0. 53919	CAD FILE 091412	412	SCALE N/A	SIZE A 2	2233
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