

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



#### **TECHNICAL DATA SHEET**

# PE7201-10

	7/16 DIN Male Directional Rated To 100 Watts Up To 6 GHz s operate from DC to 6 GHz, and are available in 42 different 7/16 DIN,
	connector combinations. Our 100W Attenuators are manufactured with
	nnectors, and Silver Plated Brass 7/16 DIN connectors. Pasternack
	20 dB, 30 dB, 40 dB, 60 dB values and will operate from -55 to +125
	re available beyond the 42 standard designs, upon request.
<ul> <li>100W average power and 2,000W peak power</li> </ul>	
<ul> <li>Operate to 6 GHz</li> </ul>	Thanding capability
Temperature range of -55 to +125 degrees C	
<ul> <li>42 in-series and between series combinations</li> </ul>	
<ul> <li>7/16 DIN, SMA, N, TNC Male and Female cont</li> </ul>	nectors are available
<ul> <li>Other connector combinations available upon r</li> </ul>	equest
Configuration	
Design	Fixed, Directional Attenuator
Connector 1	7/16 DIN Female
Connector 2	7/16 DIN Male
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
Click the following link for enter part number in "C	CAPCH" on wohsita) to obtain additional part information including price
	SEARCH" on website) to obtain additional part information including price, or, 7/16 DIN Female To 7/16 DIN Male Directional Rated To 100 Watts
The information contained in this document is accurate	to the best of our knowledge and representative of the part described

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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<b>Size</b> Length, in [mm] Width, in [mm] Height, in [mm]	4.9 [124.46] 3.8 [96.52] 2.7 [68.58]
Weight, lbs [Kg]	3 [1.36]
<b>Connector 1</b> Type Contact Material and Plating Body Material and Plating	7/16 DIN Female Brass, Silver Brass, Silver
<b>Connector 2</b> Type Contact Material and Plating Coupling Nut Material and Plating Body Material and Plating	7/16 DIN Male Brass, Silver Brass, Silver Brass, Silver
Compliance Certifications (visit www.Pasternack.org) RoHS Compliant	com for current document) Yes

#### **Plotted and Other Data**

Notes:

Values at 25 °C, sea level

URL: http://www.pasternack.com/10db-fixed-7-16-female-7-16-male-100-watts-attenuator-pe7201-10-p.aspx

10 dB Fixed Attenuator, 7/16 DIN Female To 7/16 DIN Male 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.

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.



## PE7201-10 CAD Drawing 10 dB Fixed Attenuator, 7/16 DIN Female To 7/16 DIN Male Directional Rated To 100 Watts Up To 6 GHz

-		Table of	Table of Information		Part Number Configuration	nfiguration	
" <sub>A</sub> " 4.90	" ^ "	Connector Type	DIM "A" (REF.)	xx	Input Connector	Output Connector	ctor
1	۲ ۲	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	
	- r     			60	SMA Female	N Male	
	l	7/16 Male	1.12	10	TNC Female	N Male	
		7/16 Female	1.16	£	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	
A 60				20	N Female	SMA Male	
				21	SMA Female	SMA Male	
	5	CONNECTOR		22	TNC Female	SMA Male	
INPUT				23	7/16 Male	SMA Female	
CONNECTOR TOP VIEW				24	7/16 Female	SMA Female	
•				25	N Male	SMA Female	
-				26	N Female	SMA Female	
	г			27	SMA Male	SMA Female	
0.4 [10] DP. / [50.8				28	SMA Female	SMA Female	
				29	INC Male	SMA Female	
		-		8	NC Female	SMA Female	
				31	//16 Female	TNC Male	
				33	SMA Female	TNC Male	
				34	TNC Female	TNC Male	
		2.70 RFF.		35	7/16 Male	TNC Female	
		686		36	7/16 Female	TNC Female	
	T D			37	N Male	TNC Female	
		<u> </u>		38	N Female	TNC Female	
		3		39	SMA Male	TNC Female	
		5		40	SMA Female	TNC Female	
				41	TNC Male	TNC Female	
SIDE VIEW				- N-	Indicates Attenuation Level	n Level	
							]
Pasternack Enterprises, Inc. P.O. Box 16759   Irvine   CA   92623	вие тп.е РЕ72xx-у	V	DTES: UNLESS OTHERWISE ALL SPECIFICATION DIMENSIONS ARE IN	: SPECIFIED S ARE SUBJ INCHES [mr	NOTES: 1. ULL SPES OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL. 3. ALL SPESCIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME. 3. DIMENSIONS ARE IN INCHES [mm]. 3. DIMENSIONS ARE IN INCHES [mm].	NOMINAL. DUT 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 091	091412	SCALE N/A	SIZE A 2	2233
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