

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



#### **TECHNICAL DATA SHEET**

# PE7203-40

Pasternack Enterprises line of 100W Attenuato N, SMA and TNC in-series and between-series Passivated Stainless Steel SMA, TNC and N 100W Attenuators come in 3 dB, 6 dB, 10 dB	connectors are available
Configuration	
Design	Fixed, Directional Attenuator
Connector 1	7/16 DIN Male
Connector 2	7/16 DIN Female
Body Material and Plating	Aluminum Heatsink, Black Anodized
Electrical Specifications	
Frequency Range, GHz	DC to 6
Impedance, Ohms	50
Attenuation Value, dB	40
Maximum Input Power, Watts	100
Maximum VSWR	1.45:1
Frequency 1	
Range, GHz	DC to 2
VSWR	1.2:1
Attenuation Accuracy, dB	± 1.25
Frequency 2	
Range, GHz	2 to 4
VSWR	1.35:1
Attenuation Accuracy, dB	± 1.25
Frequency 3	
Range, GHz	4 to 6
VSWR	1.45:1
Attenuation Accuracy, dB	± 1.5
Mechanical Specifications Temperature	
Operating Range, deg C	-55 to +125
inventory and certifications: 40 dB Fixed Attenu Up To 6 GHz PE7203-40	"SEARCH" on website) to obtain additional part information including price ator, 7/16 DIN Male To 7/16 DIN Female Directional Rated To 100 Watts
he information contained in this document is accura	ate 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





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



**PE7203-40** 

### **TECHNICAL DATA SHEET**

Size	
Length, in [mm]	4.9 [124.46]
Width, in [mm]	3.8 [96.52]
Height, in [mm]	2.7 [68.58]
Weight, Ibs [Kg]	3 [1.36]
Connector 1	
Туре	7/16 DIN Male
Contact Material and Plating	Brass, Silver
Coupling Nut Material and Plating	Brass, Silver
Body Material and Plating	Brass, Silver
Connector 2	
Туре	7/16 DIN Female
Contact Material and Plating	Brass, Silver
Body Material and Plating	Brass, Silver
mpliance Certifications (visit www.Pasternack.cor	n for current document)

Compliance Certifications (visit www.Pasternack.com for current door RoHS Compliant Yes

#### Plotted and Other Data

Notes:

Values at 25 °C, sea level

URL: http://www.pasternack.com/40db-fixed-7-16-male-7-16-female-100-watts-attenuator-pe7203-40-p.aspx

40 dB Fixed Attenuator, 7/16 DIN Male To 7/16 DIN 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.

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.



## PE7203-40 CAD Drawing 40 dB Fixed Attenuator, 7/16 DIN Male To 7/16 DIN Female Directional Rated To 100 Watts Up To 6 GHz

		Table o	Table of Information		Part Number Configuration	nfiguration	
" <sub>^"</sub> 4.90	" ~ "	Connector Type	/pe DIM "A" (REF.)	F.) XX	Input Connector	Output Connector	ctor
	<	SMA Male	0.68	6	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	
	I	7/16 Male	1.12	9	TNC Female	N Male	
		7/16 Female		7	7/16 Male	N Female	
	I			12	7/16 Female	N Female	
				13	N Male	N Female	
(	<b>▲</b> -			14	N Female	N Female	
				15	SMA Nale	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		TICTIC		20	N Female	SMA Male	
				2	SMA Female	SMA Male	
		CONNECIOR		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 Male	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	TNC Male	
				34	TNC Female	TNC Male	
	ſ	Z./U KEF.		ς, 3	// To Male	TINC Female	
[21.1]   H	I	[68.6]		36	7/16 Female	TNC Female	
				38	N Female	TNC Female	
		S		39	SMA Male	TNC Female	
		Ś		40	SMA Female	TNC Female	
				41	TNC Male	TNC Female	
				42	TNC Female	TNC Female	
<u>SIDE VIEW</u>				۲۷-	Indicates Attenuation Level	on Level	
PASTERNACK Pasternack Enterprises, Inc. P.O. Box 16759   Irvine   CA   92623	ристите РЕ72xx-уу		NOTES: NOTES: OTHERV 1. UNLESS OTHERV 2. ALL SPECIFICATI 3. DIMENSIONS ARI	VISE SPECIF IONS ARE S E IN INCHES	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 ANY	TIME.
Phone: (949) 261-1920   Fax: (949) 261-7451 Website: www.pasternack.com   E-Mail: sales@pasternack.com	FSCM NO.	IO. 53919	CAD FILE	091412	SCALE N/A	SIZE A 2	2233
						_	