

40 dB Fixed Attenuator, TNC Male To SMA Female Directional Rated To 100 Watts Up To 6 GHz



TECHNICAL DATA SHEET



Pasternack Enterprises line of 100W Attenuat N, SMA and TNC in-series and between-serie Passivated Stainless Steel SMA, TNC and N 100W Attenuators come in 3 dB, 6 dB, 10 dB	Female Directional Rated To 100 Watts Up To 6 GHz ors operate from DC to 6 GHz, and are available in 42 different 7/16 D as connector combinations. Our 100W Attenuators are manufactured w connectors, and Silver Plated Brass 7/16 DIN connectors. Pasterna 3, 20 dB, 30 dB, 40 dB, 60 dB values and will operate from -55 to +1 s are available beyond the 42 standard designs, upon request.
100W average power and 2,000W peak powe	wer nandling capability
Operate to 6 GHz	
Temperature range of -55 to +125 degrees (
42 in-series and between series combinatio	
• 7/16 DIN, SMA, N, TNC Male and Female c	
Other connector combinations available upc	on request
Configuration	
Design	Fixed, Directional Attenuator
Connector 1	TNC 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	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

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 40 dB Fixed Attenuator, TNC Male To SMA Female Directional Rated To 100 Watts Up To 6 GHz PE7229-40

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, lbs [Kg]

Connector 1 Type Contact Material and Plating Coupling Nut 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]

TNC Male Beryllium Copper, Gold Stainless Steel, Passivated Stainless Steel, Passivated

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/40db-fixed-tnc-male-sma-female-100-watts-attenuator-pe7229-40-p.aspx

40 dB Fixed Attenuator, TNC 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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PE7229-40 CAD Drawing 40 dB Fixed Attenuator, TNC Male To SMA Female Directional Rated To 100 Watts Up To 6 GHz

-	-	Table o	Table of Information		Part Number Configuration	nfiguration	
" _^ "	"^"	Connector Type	pe DIM "A" (REF.)	xx	Input Connector	Output Connector	ctor
1	<	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	80	N Female	N Male	
			2	60	SMA Female	N Male	
		7/16 Male	1 12	10	TNC Female	N Male	
		7/16 Female	116	7	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	
				20	N Female	SMA Male	
4.60		OUTPUT		21	SMA Female	SMA Male	
[116.8]		CONNECTOR		22	TNC Female	SMA Male	
INDIT				23	7/16 Male	SMA Female	
				24	7/16 Female	SMA Female	
CUNNECTOR TOP VIEW				25	N Male	SMA Female	
				26	N Female	SMA Female	
TAP 2.00				27	SMA Male	SMA Female	
DP.				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	
	6			33	SMA Female	TNC Male	
⊕ ⊕		+		34	TNC Female	TNC Male	
	ľ	2.70 REF.		35	7/16 Male	TNC Female	
		[68.6]		36	7/16 Female	TNC Female	
	ך ק	-		37	N Male	TNC Female	
		9		38	N Female	TNC Female	
		5		39	SMA Male	TNC Female	
				40	SMA Female	TNC Female	
				4	TNC Male	TNC Female	
				42	TNC Female	TNC Female	
<u>SIDE VIEW</u>				٨-	Indicates Attenuation Level	n Level	
PLE PASTERNACK [®] Pasternack Enterprises, Inc. P.O. Box 16759 Irvine CA 92623	ыме ти∟е РЕ72xx-уу		NOTES: 1. UNLESS OTHERWIS 2. ALL SPECIFICATIO 3. DIMENSIONS ARE II 3. DIMENSIONS ARE II	SE SPECIFIE NS ARE SUI N INCHES [r	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. JUT NOTICE AT ANY	, TIME.
Phone: (949) 261-1920 Fax: (949) 261-7451 Wakeite: www.masternack.com E.Mail: salas@nasternack.com	ESCM NO	0 53919	CAD FILE 09	091412	SCALE N/A	SIZE A	2233
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