

3 dB Fixed Attenuator, TNC Female To TNC Female Directional Rated To 50 Watts Up To 18 GHz



## **TECHNICAL DATA SHEET**



3 dB Fixed Attenuator, TNC Female To TNC Female Directional Rated To 50 Watts Up To 18 GHz												
Configuration												
Design	Fixed, Directional Attenuator											
Connector 1	TNC Female											
Connector 2	TNC Female											
Body Material and Plating	Aluminum Heatsink, Black Anodized											
Electrical Specifications												
Frequency Range, GHz	DC to 18											
Impedance, Ohms	50											
Attenuation Value, dB	3											
Maximum Input Power, Watts	50											
Maximum VSWR												
Maximum VSVVR	1.6:1											
Frequency 1												
Range, GHz	DC to 6											
VSWR	1.3:1											
Attenuation Accuracy, dB	0.75											
Frequency 2												
Range, GHz	6 to 12.4											
VSWR	1.45:1											
Attenuation Accuracy, dB	0.75											
Frequency 3												
Range, GHz	12.4 to 18											
VSWR	1.6:1											
Attenuation Accuracy, dB	1											
Mechanical Specifications												
Temperature												
Operating Range, deg C	-55 to +125											
Size												
Length, in [mm]	4.01 [101.85]											
Width, in [mm]	3 [76.2]											
Height, in [mm]	3 [76.2]											
Weight, Ibs [g]	1.796 [814.65]											

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 3 dB Fixed Attenuator, TNC Female To TNC Female Directional Rated To 50 Watts Up To 18 GHz PE7351-3

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





3 dB Fixed Attenuator, TNC Female To TNC Female Directional Rated To 50 Watts Up To 18 GHz



**PE7351-3** 

## TECHNICAL DATA SHEET

**Connector 1** 

Type Contact Material and Plating Hex Size, In. Body Material and Plating

**Connector 2** 

Type Contact Material and Plating Outer Conductor Material and Plating Hex Size, In. Body Material and Plating

**TNC Female** Brass, Gold 11/16 Stainless Steel, Passivated

**TNC** Female Beryllium Copper, Gold Stainless Steel, Passivated 11/16 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 **OUTPUT PORT HANDLES 5 WATTS MAX POWER** URL: http://www.pasternack.com/3db-fixed-tnc-female-tnc-female-50-watts-attenuator-pe7351-3-p.aspx

3 dB Fixed Attenuator, TNC Female To TNC Female Directional Rated To 50 Watts Up To 18 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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PE7351-3 CAD Drawing 3 dB Fixed Attenuator, TNC Female To TNC Female Directional Rated To 50 Watts Up To 18 GHz

																									-			Up		-											
ion	Output Connector	7/16 Male	7/16 Male	7/16 Female	7/16 Female	7/16 Female	7/16 Female	N Male	N Male	N Male	N Male	N Female	N Female N Female	N Female	N Female	N Female N Female	N Female	SMA Male	SMA Male SMA Male	SMA Male	SMA Female	SMA Female	SMA Female	SMA Female	SMA Female	SMA Female	SMA Female	TNC Male	TNC Male	TNC Male	TNC Female	TNC Female	TNC Female	TNC Female	TNC Female	TNC Female				: AT ANY TIME.	2233
onfig				12	12	11	12												,, 0,		S	S	0	0.00	S	SI	IS .				FF	F	F	F	FF	= =	1			NOMINAL.	SIZE A
Part Number Configuration	Input Connector	7/16 Female	N Female	7/16 Male	7/16 Female	N Male	N Female	7/16 Female	N Female	SMA Female	TNC Female	7/16 Male	//16 Female	N Female	SMA Male	SMA Female TNC Male	TNC Female	7/16 Female	N remale SMA Female	TNC Female	7/16 Male	7/16 Female	N Male	SMA Male	SMA Female	TNC Male	TNC Female	N Female	SMA Female	TNC Female	7/16 Male 7/16 Female	N Male	N Female	SMA Male	SMA Female	TNC Female	Indicates Attenuation Level	-		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].	SCALE N/A
	xx	10	11	12	13	14	15	16	17	18	19	20	5	33	24	25	27	28	87	31	32	33	34	36	37	38	66	4	42	43	45	46	47	48	49 50	51	Ņ.			IFIED AL SUBJEC S [mm].	
formation	DIM "A" (REF.)	0.68	0.54		0.98	0.94		0.95	0.98		1.12	1.16																												OTHERWISE SPEC CIFICATIONS ARE ONS ARE IN INCHE	iLE 102512
Table of Information	Connector Type	SMA Male	SMA Female		TNC Male	TNC Female		N Female	N Male		7/16 Male	7/16 Female													6.4]	N.														NOTES: 1. UNLESS 2. ALL SPE 3. DIMENSI	CAD FILE
" \ "			0					~	- [     								CONNECTOR		0.25	[6.2]				8X 4-40 UNC-ZB	TAP X .250	DP. BOIH SIDI							2.41					Ś		рис тпле РЕ73xx-уу	FSCM NO. 53919
"^" 3.22	A [81.8]																		0.29					2.97	[75.4]	1													<u>SIDE VIEW</u>	Pasternack Enterprises, Inc. P.O. Box 16759   Irvine   CA   92623	Phone: (949) 261-1920   Fax: (949) 261-7451 Website: www pasternack com   F-Mail: sales@pasternack com