

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



TECHNICAL DATA SHEET

PE7235-30

 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 dl degrees C. Additional connector combinations 100W average power and 2,000W peak power 	ors operate from DC to 6 GHz, and are available in 42 different 7/16 DIN es connector combinations. Our 100W Attenuators are manufactured with connectors, and Silver Plated Brass 7/16 DIN connectors. Pasternack 3, 20 dB, 30 dB, 40 dB, 60 dB values and will operate from -55 to +125 s are available beyond the 42 standard designs, upon request. wer handling capability
Operate to 6 GHz	
 Temperature range of -55 to +125 degrees 42 in-series and between series combination 	
 7/16 DIN, SMA, N, TNC Male and Female of 	
Other connector combinations available upo	
Configuration	
Design	Fixed, Directional Attenuator
Connector 1	7/16 DIN Male
Connector 2	TNC Female
Body Material and Plating	Aluminum Heatsink, Black Anodized
Electrical Specifications	
Frequency Range, GHz	DC to 6
Impedance, Ohms	50
Attenuation Value, dB	30
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
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

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]	4.9 [124.46] 3.8 [96.52] 2.7 [68.58]
Weight, lbs [Kg]	3 [1.36]
Connector 1 Type Contact Material and Plating Coupling Nut Material and Plating Body Material and Plating	7/16 DIN Male Brass, Silver Brass, Silver Brass, Silver
Connector 2 Type Contact Material and Plating Body Material and Plating	TNC 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/30db-fixed-7-16-male-tnc-female-100-watts-attenuator-pe7235-30-p.aspx

30 dB Fixed Attenuator, 7/16 DIN Male To TNC 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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PE7235-30 CAD Drawing 30 dB Fixed Attenuator, 7/16 DIN Male To TNC Female Directional Rated To 100 Watts Up To 6 GHz

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Image: State of the state o			SMA Femal		02	N Female	7/16 Male	
The contract of the contract o					03	7/16 Male	7/16 Female	0
The formation of the fo			TNC Male	0.98	04	7/16 Female	7/16 Female	0
Image: state of the state o			TNC Female		05	N Male	7/16 Female	0
The second state State State State					90	N Female	7/16 Female	0
And			N Female	0.95	07	7/16 Female	N Male	
The second secon			N Male	0.98	08	N Female	N Male	
The second secon		- 			60	SMA Female	N Male	
The second secon		I	7/16 Male	1.12	10	TNC Female	N Male	
Image: Second state			7/16 Female		1	7/16 Male	N Female	
Image: Second		I			12	7/16 Female	N Female	
And and a constant of the cons					13	N Male	N Female	
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Image: Signal state sta	DP.				28	SMA Female	SMA Fema	e
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Side Normality Side Normality Side Normality					32	SMA Female	TNIC Male	
2.70 REF. [68.6] [68					34	TNC Female	TNC Male	
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рме тпе FSCM ND 53919		P	[2:22]		37	N Male	TNC Female	
pwe ππε PE72xx-yy FSCM NO 53919					38	N Female	TNC Female	0
pwg ππε PE72xx-yy FSCM NO 53919			5		39	SMA Male	TNC Female	0
pwg ππε PE72xx-yy FSCM NO 53919			-		40	SMA Female	TNC Female	4
DWG TITLE PE72xx-yy FSCM NO 53919					41	TNC Male	TNC Female	0
DWG TITLE PE72xx-yy FSCM ND 53919					42	TNC Female	TNC Female	0
PE72xx-yy FSCM ND 53919	<u>SIDE VIEW</u>				۲۷-	Indicates Attenuatio	n Level	
ESCM NO 53919 CADFILE 091412 SCALE N/A SIZE A	P.O. Box 16759 Irvine CA 92623	DWG TITLE PE72x	x-yy	NOTES: 1. UNLESS OTHERWISE 2. ALL SPECIFICATIONS 3. DIMENSIONS ARE IN I	SPECIFIE ARE SUB NCHES [m	D ALL DIMENSIONS ARE JECT TO CHANGE WITH m].	NOMINAL. DUT NOTICE AT /	ίΝΥ TIME.
	Phone: (949) 261-1920 Fax: (949) 261-7451 Website: www.pasternack.com E-Mail: sales@pasternack.com	FSCM I	NO. 53919	CAD FILE 091	112	SCALE N/A	SIZE A	2233