

20 dB Fixed Attenuator, 7/16 DIN Female To 7/16 DIN Male Directional Black Aluminum Heatsink Body Rated To 300 Watts Up To 3 GHz

TECHNICAL DATA SHEET

Pasternack Enterprises' line of 300W Attenuators operate from DC to 3 GHz, and are available in 16 different 7/16 DIN, N, SMA and TNC in-series combinations. Our 300W Attenuators are manufactured with Passivated Stainless Steel SMA, TNC and N connectors, and Silver Plated Brass 7/16 DIN connectors. Pasternack 300W Attenuators come in 3 dB, 6 dB, 10 dB, 20 dB, 30 dB, 40 dB, & 50 dB values and will operate from -55 to +125 degrees C. Additional between-series connector combinations are available upon request.

- 300W average power and 2,500W peak power handling capability
- Operates to 3 GHz
- Temperature range of -55 to +125 degrees C
- 16 in-series combinations
- 7/16 DIN, SMA, N, TNC Male and Female connectors are available
- · Other connector combinations available upon request

Configuration

Design Connector 1 Connector 2 Body Material and Plating Fixed, Directional Attenuator 7/16 DIN Female 7/16 DIN Male Black Aluminum Heatsink

Electrical Specifications * Values at 25°C, sea level

Description	Minimum	Typical	Maximum	Units	
Frequency Range	DC		3	GHz	
Impedance		50		Ohms	
Attenuation Value		20		dB	
Accuracy Statement	Attenuation accuracy it + / -				
Input Power			300	Watts	
Peak Power			2.5	KWatts	
VSWR			1.4:1		

Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Range	DC to 1.5	1.5 to 3				GHz
VSWR	1.2:1	1.4:1				
Attenuation Accuracy	± 1	± 1.25				dB

Mechanical Specifications

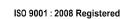
Temperature Operating Range

-55 to +125 deg C

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 20 dB Fixed Attenuator, 7/16 DIN Female To 7/16 DIN Male Directional Black Aluminum Heatsink Body Rated To 300 Watts Up To 3 GHz PE7420-20

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 Width Height		5.6 in [142.24 mm] 6.2 in [157.48 mm]		
		6.3 in [160.02 mm]		
Weight	4 lbs [1.	4 lbs [1.81 Kg]		
Connectors				
Description	Connector 1	Connector 2		
Туре	7/16 DIN Female	7/16 DIN Male		
Contact Material and Plating	Brass, Silver	Brass, Silver		
Outer Conductor Material and Plating	Brass, Silver			
Coupling Nut Material and Plating		Brass, Silver		
Hex Size		7/16 Inch		
Torque		25 in-lbs [2.83 Nm]		
Body Material and Plating	Brass, Silver			

Compliance Certifications (visit www.Pasternack.com for current document) RoHS Compliant

Plotted and Other Data

Notes:

- Values at 25 °C, sea level
- Calculated Heatsink Thermal Rise: .7C / Watt

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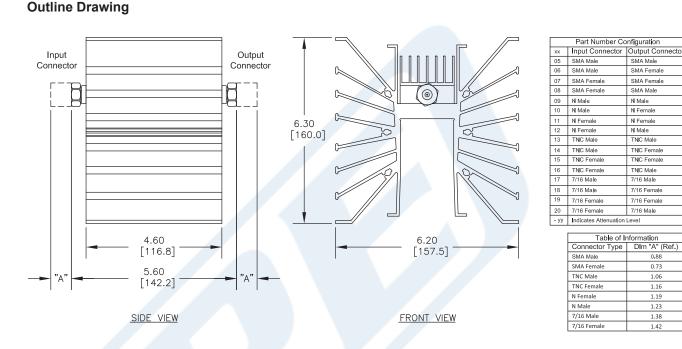
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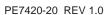
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20 dB Fixed Attenuator, 7/16 DIN Female To 7/16 DIN Male Directional Black Aluminum Heatsink Body Rated To 300 Watts Up To 3 GHz from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

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URL: http://www.pasternack.com/20db-fixed-7-16-female-7-16-male-300-watts-attenuator-pe7420-20-p.aspx





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