

20 dB Fixed Attenuator, 7/16 DIN Female To 7/16 DIN Female 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 Female 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**

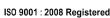
Temperature Operating Range

-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 Female Directional Black Aluminum Heatsink Body Rated To 300 Watts Up To 3 GHz PE7419-20

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







**PE7419-20** 



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Brass. Silver

Brass, Silver

**PE7419-20** 

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<b>Size</b> Length Width	5.6 in [142 6.2 in [15]				
Height	6.3 in [160.02 mm]				
Weight	4 lbs [1.81 Kg]				
Connectors					
Description	Connector 1	Connector 2			
Туре	7/16 DIN Female	7/16 DIN Female			
Contact Material and Plating	Brass, Silver	Brass, Silver			

Brass, Silver

Brass, Silver

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

**RoHS** Compliant

Body Material and Plating

## Plotted and Other Data

Notes:

• Values at 25 °C, sea level

Outer Conductor Material and Plating

• Calculated Heatsink Thermal Rise: .7C / Watt

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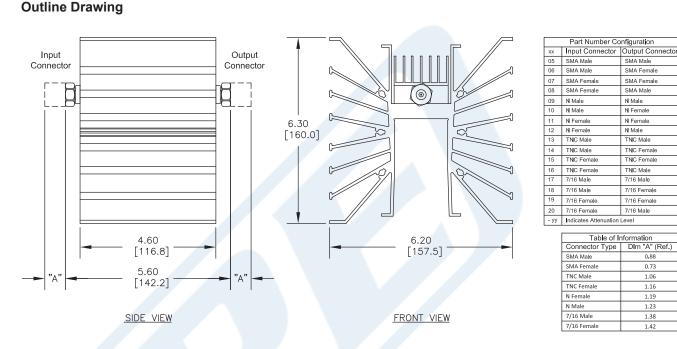




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20 dB Fixed Attenuator, 7/16 DIN Female To 7/16 DIN Female Directional Black Aluminum Heatsink Body Rated To 300 Watts Up To 3 GHz from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter 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-female-300-watts-attenuator-pe7419-20-p.aspx

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