

3 dB Fixed Attenuator, 7/16 DIN Male 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 Male 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		3		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	± 0.75	± 1				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: 3 dB Fixed Attenuator, 7/16 DIN Male To 7/16 DIN Female Directional Black Aluminum Heatsink Body Rated To 300 Watts Up To 3 GHz PE7418-3

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623 Phone: (866) 727-8376 or (949) 261-1920 • Fax: (949) 261-7451

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PE7418-3





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Brass, Silver

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Size Length Width Height Weight	6.2 in [15	42.24 mm] 57.48 mm] 50.02 mm] 81 Kg]	
Connectors			
Description	Connector 1	Connector 2	
Туре	7/16 DIN Male	7/16 DIN Female	
Contact Material and Plating	Brass, Silver	Brass, Silver	
Coupling Nut Material and Plating	Brass, Silver		
Hex Size	7/16 Inch		
Torque	25 in-lbs [2.83 Nm]		-

Brass, Silver

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

Plotted and Other Data

Body Material and Plating

Notes:

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

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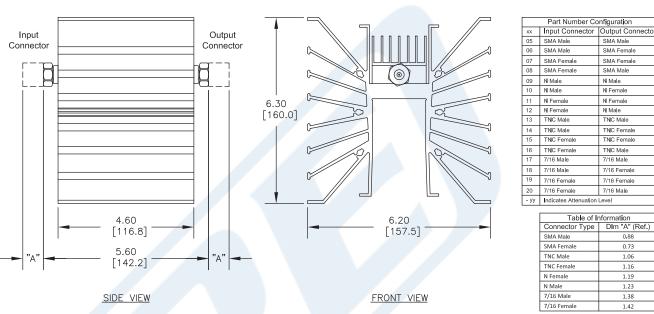
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3 dB Fixed Attenuator, 7/16 DIN Male To 7/16 **DIN Female Directional Black Aluminum Heatsink** Body Rated To 300 Watts Up To 3 GHz

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Outline Drawing



3 dB Fixed Attenuator, 7/16 DIN Male 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/3db-fixed-7-16-male-7-16-female-300-watts-attenuator-pe7418-3-p.aspx





PE7418-3

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