

combinations are available upon request.

• Temperature range of -55 to +125 degrees C

Electrical Specifications * Values at 25°C, sea level

Description

Other connector combinations available upon request

· Operates to 3 GHz

• 16 in-series combinations

Body Material and Plating

TECHNICAL DATA SHEET

Configuration Design

Connector 1

Connector 2

Frequency Range Impedance

Attenuation Value

Input Power

Peak Power

VSWR

3 dB Fixed Attenuator, SMA Male To SMA Female Directional Black Aluminum Heatsink Body Rated To 300 Watts Up To 3 GHz

300W average power and 2,500W peak power handling capability

7/16 DIN, SMA, N, TNC Male and Female connectors are available

Accuracy Statement

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

Minimum

DC

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

Mechanical Specifications

Temperature **Operating Range**

-55 to +125 deg C

Fixed, Directional Attenuator

Black Aluminum Heatsink

Maximum

3

300

2.5

1.4:1

Units

GHz

Ohms

dB

Watts

KWatts

SMA Male SMA Female

Typical

50

3

Attenuation accuracy it + / -

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, SMA Male To SMA Female Directional Black Aluminum Heatsink Body Rated To 300 Watts Up To 3 GHz PE7406-3

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



PE7406-3

ISO 9001 : 2008 Registered





3 dB Fixed Attenuator, SMA Male To SMA Female Directional Black Aluminum Heatsink Body Rated To 300 Watts Up To 3 GHz



TECHNICAL DATA SHEET

Size Length Width Height

Weight

5.6 in [142.24 mm] 6.2 in [157.48 mm] 6.3 in [160.02 mm] 4 lbs [1.81 Kg]

Connectors

Description	Connector 1	Connector 2
Туре	SMA Male	SMA Female
Contact Material and Plating	Beryllium Copper, Gold	Beryllium Copper, Gold
Outer Conductor Material and Plating		Passivated Stainless Steel
Coupling Nut Material and Plating	Passivated Stainless Steel	
Body Material and Plating	Passivated Stainless Steel	Passivated Stainless Steel

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

Plotted and Other Data

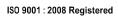
Notes:

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

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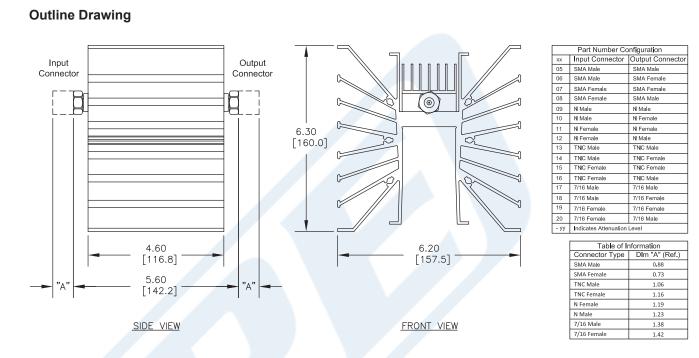
PE7406-3





3 dB Fixed Attenuator, SMA Male To SMA Female Directional Black Aluminum Heatsink Body Rated To 300 Watts Up To 3 GHz

TECHNICAL DATA SHEET



3 dB Fixed Attenuator, SMA Male To SMA 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.

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, SMA Male To SMA Female Directional Black Aluminum Heatsink Body Rated To 300 Watts Up To 3 GHz PE7406-3

URL: http://www.pasternack.com/3db-fixed-sma-male-sma-female-300-watts-attenuator-pe7406-3-p.aspx

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