

combinations are available upon request.

• Temperature range of -55 to +125 degrees C

Electrical Specifications * Values at 25°C, sea level

F1

DC to 1.5

1.2:1

± 1

Description

Specifications by Frequency

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

Range

VSWR

40 dB Fixed Attenuator, SMA Male To SMA Male 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

Temperature

Operating Range

Attenuation Accuracy

Mechanical Specifications

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 40 dB Fixed Attenuator, SMA Male To SMA Male Directional Black Aluminum Heatsink Body Rated To 300 Watts Up To 3 GHz PE7405-40

F3

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

Minimum

DC

F2

1.5 to 3

1.4:1

± 1.25

Fixed, Directional Attenuator

Black Aluminum Heatsink

Maximum

3

300

2.5

1.4:1

F5

SMA Male

Typical

50

40

Attenuation accuracy it + / -

F4

-55 to +125 deg C

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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ISO 9001 : 2008 Registered



K

Units

GHz

Ohms

dB

Watts

KWatts

Units

GHz

dB





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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

Connector 1	Connector 2	
SMA Male	SMA Male	
Beryllium Copper, Gold	Beryllium Copper, Gold	
Passivated Stainless Steel	Passivated Stainless Steel	
5/16 Inch		
8 in-lbs [0.9 Nm]		
Passivated Stainless Steel	Passivated Stainless Steel	
	SMA Male Beryllium Copper, Gold Passivated Stainless Steel 5/16 Inch 8 in-lbs [0.9 Nm]	

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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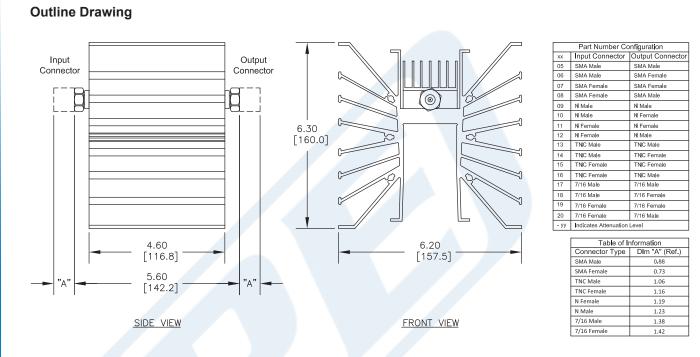
PE7405-40





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

TECHNICAL DATA SHEET



40 dB Fixed Attenuator, SMA Male To SMA 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/40db-fixed-sma-male-sma-male-300-watts-attenuator-pe7405-40-p.aspx

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