PASTERNACK®
THE ENGINEER'S RF SOURCE



20 dB Fixed Attenuator, 1.85mm Male To 1.85mm Female Passivated Stainless Steel Body Rated To 1 Watt Up To 65 GHz

TECHNICAL DATA SHEET PE7403-20

Configuration

Design	Fixed Attenuator
Connector 1	1.85mm Male
Connector 2	1.85mm Female
Body Material and Plating	Passivated Stainless Steel

Electrical Specifications * Values at 25°C, sea level

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		65	GHz
Impedance		50		Ohms
Attenuation Value		20		dB
Input Power			1	Watts
VSWR			1.65:1	

Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Range	DC to 26.5	26.5 to 40	40 to 60	60 to 65		GHz
VSWR	1.35:1	1.55:1	1.65:1	1.65:1		
Attenuation Accuracy	± 1	± 1.25	± 2	± 2.5		dB

Mechanical Specifications

Temperature

Operating Range	-55 to +100 deg C

Size

Length	0.98 in [24.89 mm]
Width	0.31 in [7.87 mm]

Connectors

Description	Connector 1	Connector 2
Type	1.85mm Male	1.85mm 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

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, 1.85mm Male To 1.85mm Female Passivated Stainless Steel Body Rated To 1 Watt Up To 65 GHz PE7403-20

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

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

RoHS Compliant

Plotted and Other Data

Notes:

- Values at 25 °C, sea level

Outline Drawing

P/N	ATTEN.	FIGURE
PE7403-3	3 dB	1
PE7403-6	6 dB	1
PE7403-10	10 dB	1
PE7403-15	15 dB	1
PE7403-20	20 dB	1
PE7403-30	30 dB	1

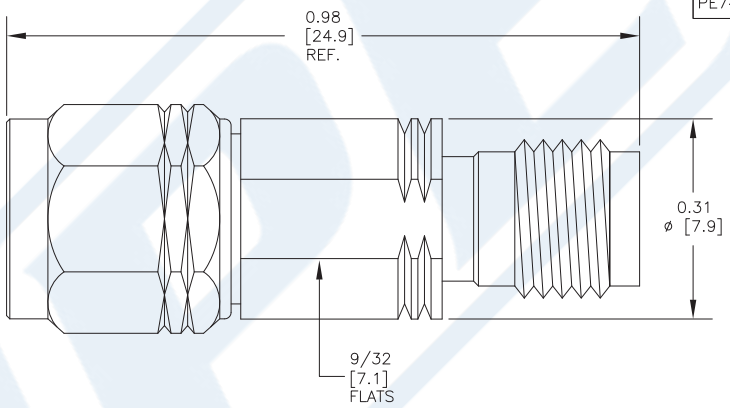


FIGURE 1

20 dB Fixed Attenuator, 1.85mm Male To 1.85mm Female Passivated Stainless Steel Body Rated To 1 Watt Up To 65 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-1.85mm-male-1.85mm-female-1-watt-attenuator-pe7403-20-p.aspx

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