SMA Fixed Attenuator

 50Ω 1W 1dB DC to 6000 MHz



Maximum Ratings

Operating Temperature -45°C to 100°C
Storage Temperature -55°C to 100°C

Permanent damage may occur if any of these limits are exceeded

Features

- wideband coverage, DC to 6000 MHz
- 1 watt rating
- · rugged unibody construction
- off-the-shelf availability
- · very low cost

Applications

- impedance matching
- signal level adjustment

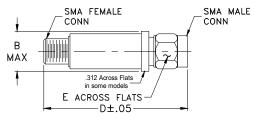
CASE STYLE: FF704

Connectors	Model	Price	Qty.
SMA	VAT-1+	\$11.95 ea.	. (1-9)

+ RoHS compliant in accordance with EU Directive (2002/95/EC)

The +Suffix has been added in order to identify RoHS Compliance. See our web site for RoHS Compliance methodologies and qualifications.

Outline Drawing



MALE SMA MALE Electrical Specifications

FREQ. RANGE (MHz)		ATTENUATION * (dB) Flatness **		VSWR (:1)			MAX. INPUT POWER		
		DC-3 GHz	3-5 GHz	5-6 GHz	DC-6 GHz	DC-3 GHz	3-5 GHz	5-6 GHz	(W)
f _L f _U	Nom.	Тур.	Тур.	Тур.	Тур.	Тур. Мах.	Тур. Мах.	Тур.	
DC-6000	1±0.3	0.20	0.20	0.20	0.60	1.05 1.20	1.10 1.50	1.40	1.0

^{*} Attenuation varies by 0.3 dB max. over temperature.

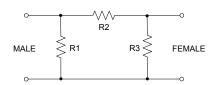
Outline Dimensions (inch mm)

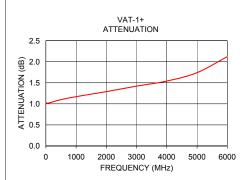
wt	Е	D	В
grams	.312	1.43	.410
10.0	7.92	36.32	10.41

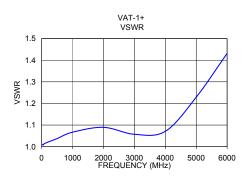
Typical Performance Data

Frequency (MHz)	Attenuation (dB)	VSWR (:1)
0.03	1.03	1.01
50.00	1.01	1.01
100.00	1.02	1.02
500.00	1.10	1.04
1000.00	1.17	1.07
2000.00	1.29	1.09
3000.00	1.42	1.06
4000.00	1.54	1.07
5000.00	1.74	1.23
6000.00	2.12	1.43

Electrical Schematic







Mini-Circuits®

For detailed performance specs & shopping online see web site

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^{**} Flatness= variation over band divided by 2.