

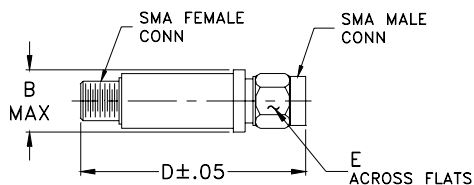
# Coaxial SMA Fixed Attenuator

50Ω 1W 1dB DC to 6000 MHz

## Maximum Ratings

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

## Outline Drawing



## Outline Dimensions (inch/mm)

B	D	E	wt
.410	1.43	.312	grams
10.41	36.32	7.92	10.0

## 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 identifies RoHS Compliance. See our web site for RoHS Compliance methodologies and qualifications.

## Electrical Specifications

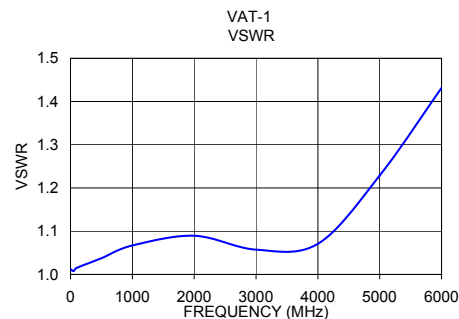
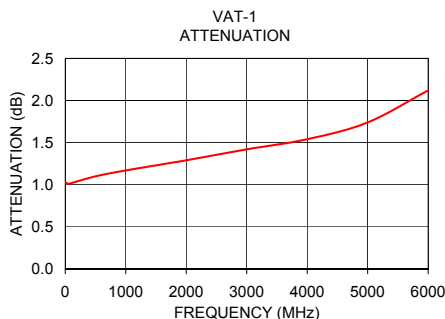
FREQ. RANGE (MHz)	ATTENUATION * (dB) Flatness **					VSWR (:1)					MAX. INPUT POWER (W)
	DC-3 GHz		3-5 GHz	5-6 GHz	DC-6 GHz	DC-3 GHz		3-5 GHz	5-6 GHz		
	Nom.	Typ.	Typ.	Typ.	Typ.	Typ.	Max.	Typ.	Max.	Typ.	
	f <sub>L</sub> -f <sub>U</sub>										
DC-6000	1±0.3	0.20	0.20	0.20	0.60	1.05	1.20	1.10	1.50	1.40	1.0

\* Attenuation varies by 0.3 dB max. over temperature.

\*\* Flatness= variation over band divided by 2.

## 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



designers kit available

Kit No.	No. of Units in Kit	Description	Price \$ per Kit
K1-VAT	5	1 of ea. VAT-3(+), 6(+), 10(+), 20(+), 30(+)	49.95
K2-VAT	10	1 of ea. VAT-1(+), 2(+), 3(+), 4(+), 5(+), 6(+), 7(+), 8(+), 9(+), 10(+)	99.95
K3-VAT	6	2 of ea. VAT-3(+), 6(+), 10(+)	59.95



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