

# Coaxial SMA Fixed Attenuator

50Ω 2W 10dB DC to 6000 MHz

## VAT-10W2+ VAT-10W2



CASE STYLE: DC1066

Connectors	Model	Price	Qty.
SMA	VAT-10W2(+)	\$15.95 ea.	(1-9)
		\$12.45 ea.	(10-49)

**+ 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.

### Maximum Ratings

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

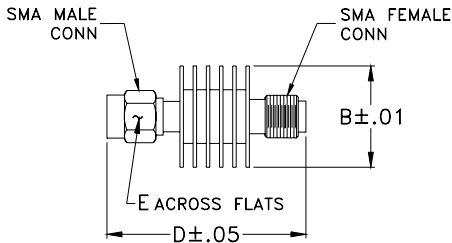
### Features

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

### Applications

- impedance matching
- signal level adjustment

### Outline Drawing



### Outline Dimensions (inch/mm)

B	D	E	wt
.74	1.43	.312	grams
18.80	36.32	7.92	11.4

### Electrical Specifications

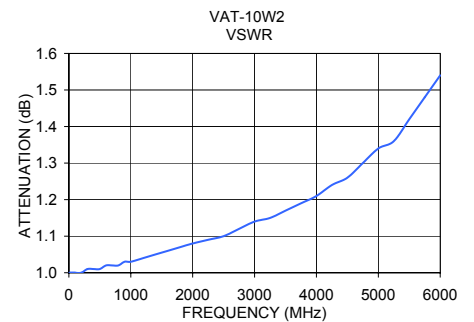
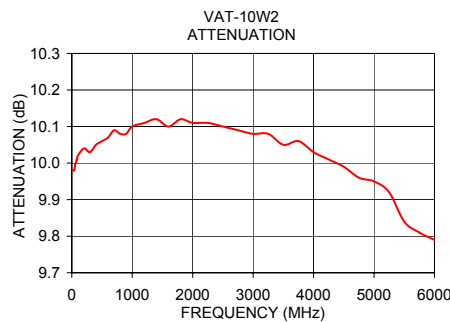
FREQ. RANGE (MHz)	ATTENUATION * (dB)					VSWR (:1)					MAX. INPUT POWER (W)
	Flatness **										
	DC-3 GHz		3-5 GHz	5-6 GHz	DC-6 GHz	DC-3 GHz		3-5 GHz	5-6 GHz		
$f_L-f_U$	Nom.	Typ.	Typ.	Typ.	Typ.	Typ.	Max.	Typ.	Max.	Typ.	
DC-6000	10±0.3	0.10	0.20	0.15	0.35	1.15	1.25	1.35	1.60	1.60	2.0

\* 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)
10.00	9.98	1.00
100.00	10.02	1.00
1000.00	10.10	1.03
2000.00	10.11	1.08
3000.00	10.08	1.14
4000.00	10.03	1.21
4500.00	9.99	1.26
5000.00	9.95	1.34
5500.00	9.84	1.42
6000.00	9.79	1.54



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