Coaxial

SMA Fixed Attenuator

50Ω 1W 5dB DC to 6000 MHz

VAT-5+
VAT-5

CASE STYLE: FF704

Connectors	Model	Price	Qty.
SMA	VAT-5(+)	$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.

Maximum Ratings

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

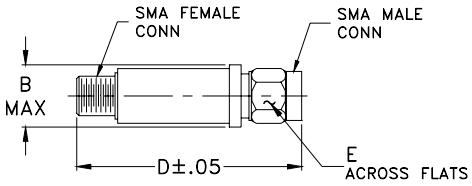
Features

- 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

Outline Drawing



Outline Dimensions (inch / mm)

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

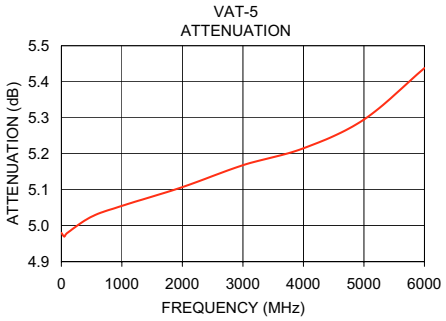
Electrical Specifications

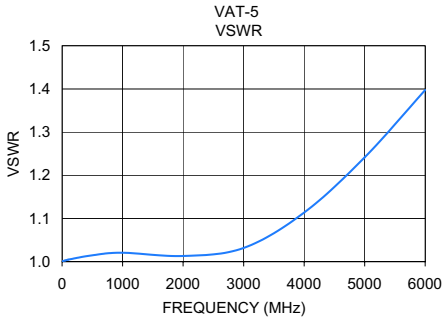
FREQ. RANGE (MHz)	ATTENUATION * (dB) Flatness **					VSWR (:1)					MAX. INPUT POWER (W)
		DC-3 GHz	3-5 GHz	5-6 GHz	DC-6 GHz	DC-3 GHz		3-5 GHz		5-6 GHz	
f_L-f_U	Nom.	Typ.	Typ.	Typ.	Typ.	Typ.	Max.	Typ.	Max.	Typ.	
DC-6000	5±0.3	0.10	0.10	0.10	0.25	1.05	1.20	1.15	1.45	1.40	1.0

* 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	4.98	1.00
50.00	4.97	1.00
100.00	4.98	1.00
500.00	5.03	1.01
1000.00	5.06	1.02
2000.00	5.11	1.01
3000.00	5.17	1.03
4000.00	5.22	1.11
5000.00	5.30	1.24
6000.00	5.44	1.40





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