

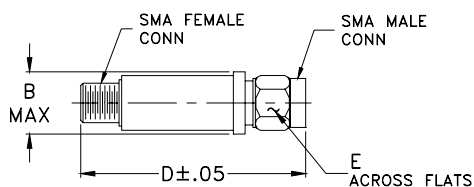
Coaxial SMA Fixed Attenuator

50Ω 1W 8dB 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-8(+)	\$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

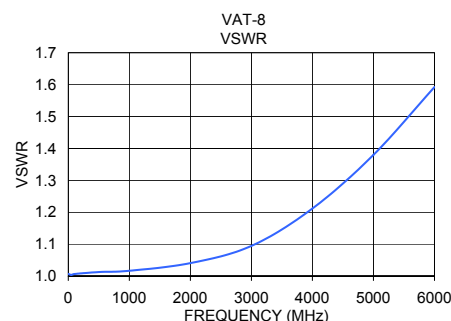
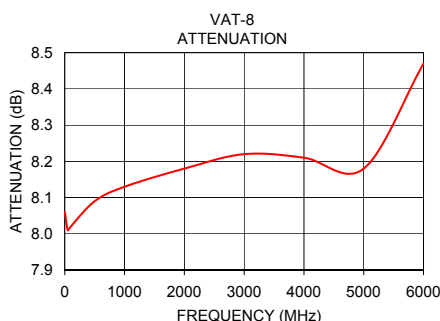
FREQ. RANGE (MHz)	ATTENUATION * (dB) Flatness **					VSWR (:1)					MAX. INPUT POWER (W)
	DC-3 GHz		3-5 GHz	5-6 GHz	DC-6 GHz	DC-3 GHz		3-5 GHz	5-6 GHz		
	f_L - f_U	Nom.	Typ.	Typ.	Typ.	Typ.	Typ.	Max.	Typ.	Max.	
DC-6000	8±0.3	0.10	0.10	0.15	0.20	1.05	1.25	1.20	1.45	1.60	1.0

* 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	8.06	1.01
50.00	8.01	1.00
100.00	8.02	1.01
500.00	8.09	1.01
1000.00	8.13	1.02
2000.00	8.18	1.04
3000.00	8.22	1.09
4000.00	8.21	1.21
5000.00	8.18	1.38
6000.00	8.47	1.59



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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