

Coaxial

SMA Fixed Attenuators

NEW!

VAT-2W SERIES

DC to 6000 MHz



CASE STYLE: DC1066
 PRICE: \$15.95 ea. QTY (1-9)
 \$12.45 ea. QTY (10-49)

Features

- wide band coverage, DC to 6000 MHz
- rugged unibody construction
- 2W watt rating
- off-the-shelf availability
- low cost

Applications

- impedance matching
- signal level adjustment

Electrical Specifications

MODEL NO.	FREQ. RANGE (MHz) f _L -f _U	ATTENUATION* (dB)					VSWR (:1)					POWER (W)
		Nom.	Flatness**			R Typ.	L ₁		M ₁		U ₁ Typ.	
			L ₁ Typ.	M ₁ Typ.	U ₁ Typ.		Typ.	Max.	Typ.	Max.		
VAT-1W2	DC-6000	1±0.3	0.20	0.20	0.20	0.60	1.10	1.20	1.30	1.50	1.55	2
VAT-2W2	DC-6000	2±0.3	0.20	0.20	0.25	0.65	1.10	1.20	1.30	1.50	1.50	2
VAT-3W2	DC-6000	3±0.3	0.20	0.15	0.15	0.45	1.05	1.20	1.30	1.40	1.45	2
VAT-4W2	DC-6000	4±0.3	0.20	0.15	0.20	0.55	1.05	1.20	1.30	1.45	1.50	2
VAT-5W2	DC-6000	5±0.3	0.20	0.10	0.15	0.35	1.10	1.20	1.40	1.50	1.65	2
VAT-6W2	DC-6000	6±0.3	0.20	0.10	0.20	0.45	1.10	1.20	1.30	1.45	1.50	2
VAT-7W2	DC-6000	7±0.3	0.25	0.15	0.10	0.45	1.10	1.20	1.25	1.40	1.40	2
VAT-8W2	DC-6000	8±0.3	0.15	0.10	0.15	0.25	1.10	1.25	1.25	1.40	1.60	2
VAT-9W2	DC-6000	9±0.3	0.15	0.10	0.10	0.15	1.10	1.20	1.15	1.40	1.50	2
VAT-10W2	DC-6000	10±0.3	0.10	0.20	0.15	0.35	1.15	1.25	1.35	1.60	1.60	2
VAT-12W2	DC-6000	12±0.3	0.10	0.15	0.10	0.30	1.20	1.40	1.50	1.80	1.70	2
VAT-15W2	DC-6000	15±0.3	0.20	0.30	0.30	0.80	1.30	1.50	1.60	1.80	1.75	2
VAT-20W2	DC-5000	20±0.3	0.50	0.45	0.20	1.05	1.35	1.55	1.70	1.95	1.95	2
VAT-30W2	DC-6000	30±0.3	0.70	0.45	0.20	1.30	1.25	1.35	1.45	1.70	1.60	2

 L_1 = DC - 3 GHz M_1 = 3 - 5 GHz U_1 = 5 - 6 GHzR = DC - f_U GHz

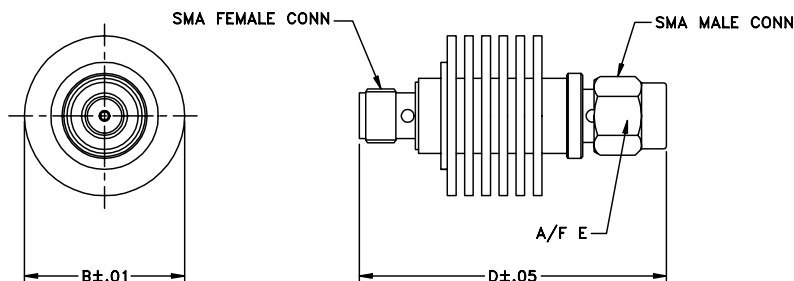
* Attenuation varies by 0.3 dB max. over temperature.

** Flatness= variation overband divided by 2

Maximum Ratings

Operating Temperature	-40°C to 100°C
Storage Temperature	-40°C to 100°C

Outline Drawing



Outline Dimensions (inch/mm)

B	D	E	wt.
0.745	1.43	.312	grams
18.92	36.32	7.94	11.4

REV. OR
 M93114
 VAT-1W2 ED0334/1
 VAT-2W2 ED0334/2
 VAT-3W2 ED0334/3
 VAT-4W2 ED03034/4
 VAT-5W2 ED8244A/1
 VAT-6W2 ED8244A/2
 VAT-7W2 ED8244A/3
 VAT-8W2 ED8244A/4
 VAT-9W2 ED8244A/5
 VAT-10W2 ED8244A/6
 VAT-12W2 EDU0334/11
 VAT-15W2 ED8244A/9
 VAT-20W2 ED8244A/8
 VAT-30W2 ED8244A/7
 URJL/C/CP/AM
 040719
 1 of 5

INTERNET <http://www.minicircuits.com>

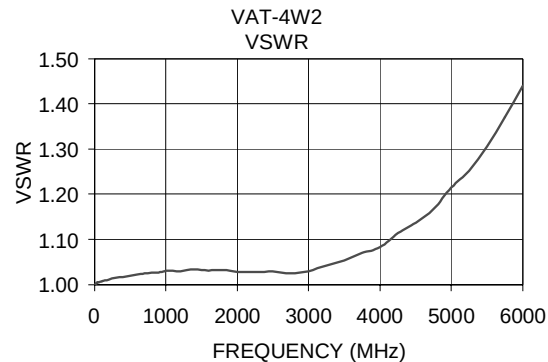
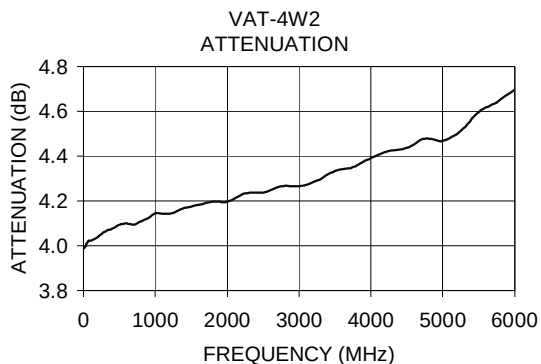
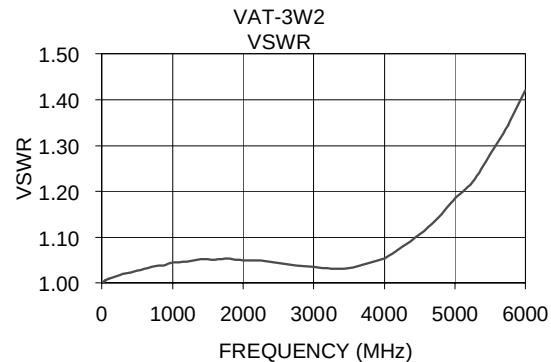
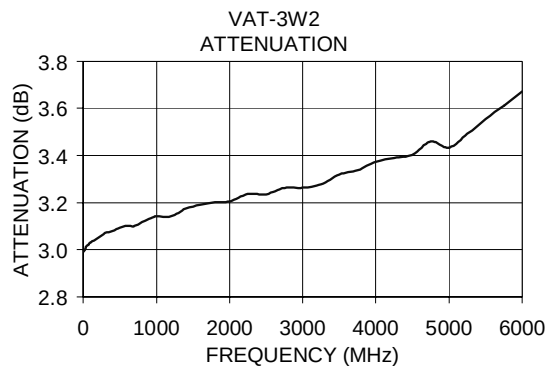
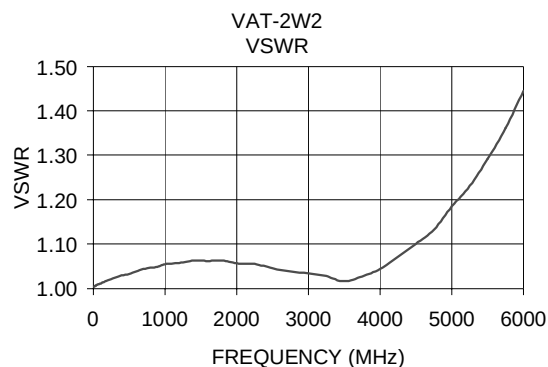
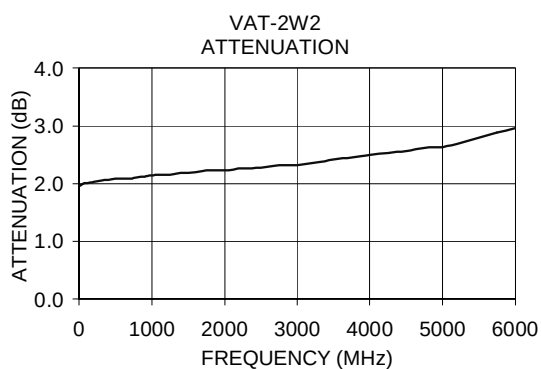
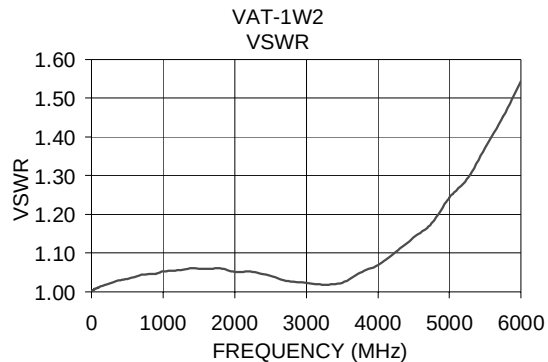
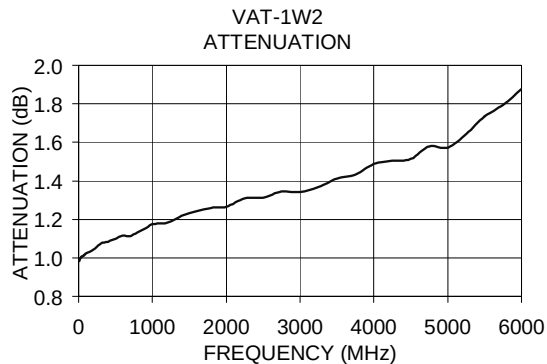
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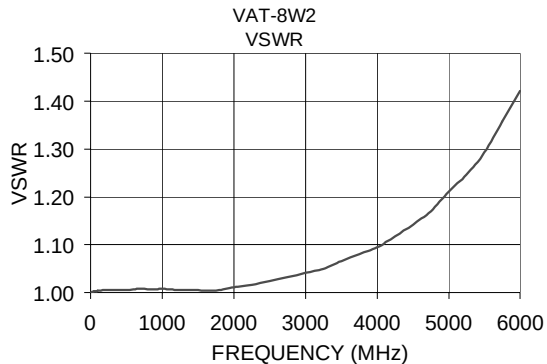
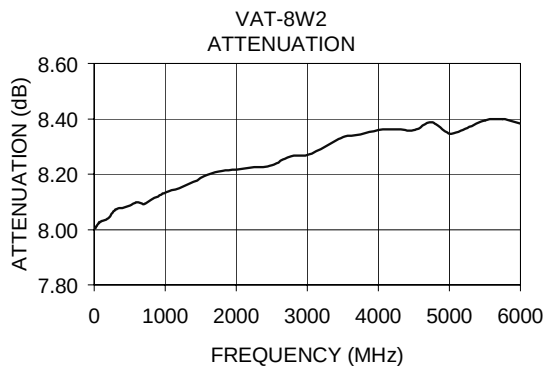
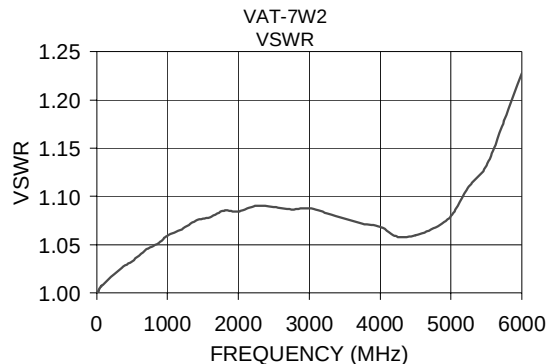
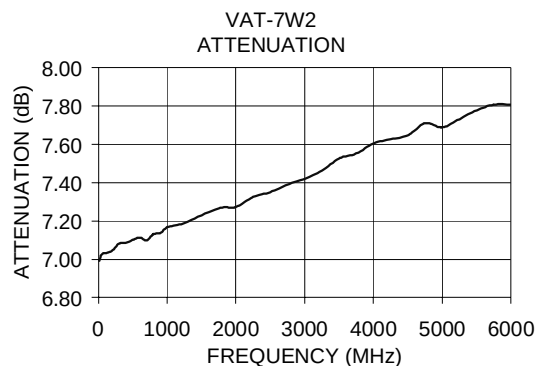
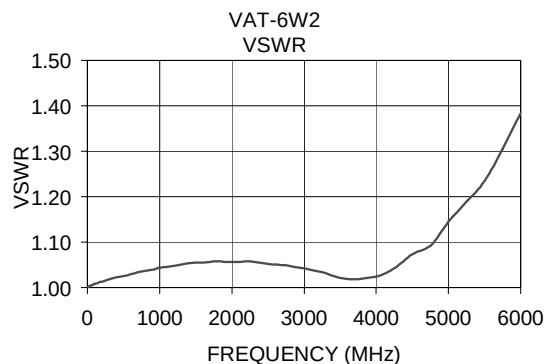
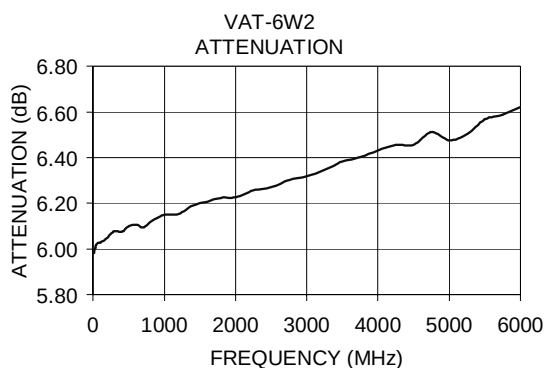
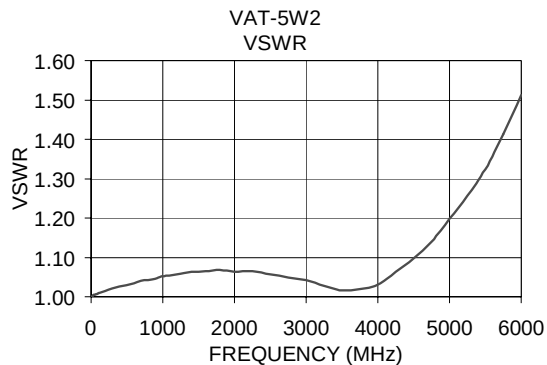
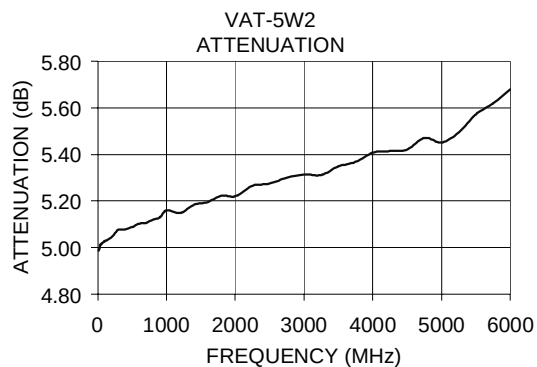
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Performance Curves

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