



## DESIGNER'S KIT K1-VAT2+

# Fixed Attenuators

50Ω DC to 6 GHz



### FEATURES

- Wideband, 50 Ω
- Input power 2W max.
- 3, 6, 10, 20 and 30 dB attenuation
- Rugged Unibody construction
- SMA Male and Female connectors
- Length less than 1.5"
- Low cost

MINI-CIRCUITS DESIGNER'S KITS  
**SPEED UP**  
THE SOLUTION



### K1-VAT2+ ELECTRICAL SPECIFICATIONS

(5 models, 1 of each, 5 total)

Model	Freq. (GHz) $f_L$ - $f_U$	Attenuation <sup>2</sup> (dB)					VSWR (:1)					Input Power (W) Max.
		Nom.	Flatness <sup>1</sup>				DC-3 GHz		3-5 GHz		5-6 GHz	
			DC-3 GHz Typ.	3-5 GHz Typ.	5-6 GHz Typ.	DC-6 GHz Typ.	Typ.	Max.	Typ.	Max.	Max.	
VAT-3W2+	DC-6	3±0.3	0.20	0.15	0.15	0.45	1.05	1.20	1.30	1.40	1.45	2
VAT-6W2+	DC-6	6±0.3	0.20	0.10	0.20	0.45	1.10	1.20	1.30	1.45	1.50	2
VAT-10W2+	DC-6	10±0.3	0.10	0.20	0.15	0.35	1.15	1.25	1.35	1.60	1.60	2
VAT-20W2+	DC-6	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-6	30±0.3	0.70	0.45	0.20	1.30	1.25	1.35	1.45	1.70	1.60	2

1. Flatness = variation over band divided by 2.

2. Attenuation varies by 0.3 dB max. over temperature.

