



## DESIGNER'S KIT K1-VAT+

# Fixed Attenuators

50Ω DC to 6 GHz



### FEATURES

- Wideband, 50 Ω
- Input power up to 1W Max.
- 3, 6, 10, 20, 30 dB attenuation
- SMA Male and Female connectors
- Rugged Unibody construction
- Length less than 1.5"
- Low cost

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



### K1-VAT+ 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 Typ.	
			DC-3 GHz Typ.	3-5 GHz Typ.	5-6 GHz Typ.	DC-6 GHz Typ.	Typ.	Max.	Typ.	Max.		
VAT-3+	DC - 6	3±0.3	0.20	0.15	0.15	0.45	1.05	1.20	1.15	1.40	1.40	1.0
VAT-6+	DC - 6	6±0.3	0.15	0.10	0.20	0.45	1.05	1.20	1.15	1.45	1.50	1.0
VAT-10+	DC - 6	10±0.3	0.10	0.20	0.15	0.35	1.05	1.25	1.20	1.60	1.90	1.0
VAT-20+	DC - 6	20±0.3	0.45	0.55	0.35	0.85	1.05	1.20	1.20	1.50	1.30	0.5
VAT-30+	DC - 6	30±0.3	1.10	0.70	0.35	1.30	1.05	1.20	1.15	1.30	1.25	0.5

1. Flatness = variation over band divided by 2.

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

