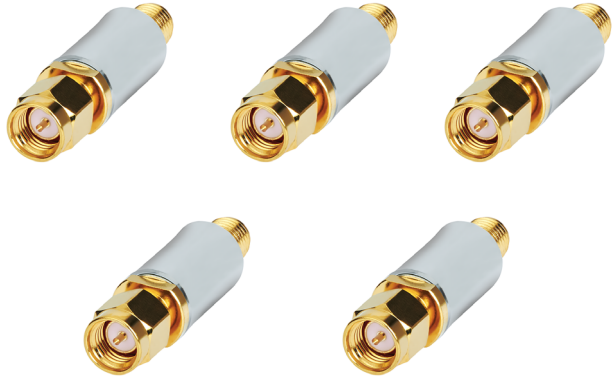




## DESIGNER'S KIT K2-VAT+

# Fixed Attenuators

50Ω DC to 6 GHz



### FEATURES

- Wideband, 50Ω
- Input power 1W max.
- 1 to 10dB 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



### K2-VAT+ ELECTRICAL SPECIFICATIONS

(10 models, 1 of each, 10 total)

Model	Freq. (GHz)	Attenuation <sup>2</sup> (dB)					VSWR (:1)					Input Power (W)
		Flatness <sup>1</sup>										
		$f_L$ - $f_U$	Nom.	DC-3 GHz	3-5 GHz	5-6 GHz	DC-6 GHz	DC-3GHz		3-5 GHz		
		Typ.	Typ.	Typ.	Typ.	Typ.	Max.	Typ.	Max.	Typ.		
VAT-1+	DC - 6	1±0.3	0.20	0.20	0.20	0.60	1.05	1.20	1.10	1.50	1.40	1.0
VAT-2+	DC - 6	2±0.3	0.20	0.20	0.25	0.65	1.05	1.20	1.20	1.50	1.50	1.0
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-4+	DC - 6	4±0.3	0.20	0.15	0.20	0.55	1.05	1.20	1.15	1.45	1.45	1.0
VAT-5+	DC - 6	5±0.3	0.10	0.10	0.10	0.25	1.05	1.20	1.15	1.45	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-7+	DC - 6	7±0.3	1.10	0.10	0.10	0.10	1.05	1.20	1.15	1.40	1.40	1.0
VAT-8+	DC - 6	8±0.3	1.10	0.10	0.15	0.20	1.05	1.25	1.20	1.45	1.60	1.0
VAT-9+	DC - 6	9±0.3	1.10	0.10	0.10	0.10	1.05	1.20	1.15	1.50	1.60	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

1. Flatness = variation over band divided by 2.

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

