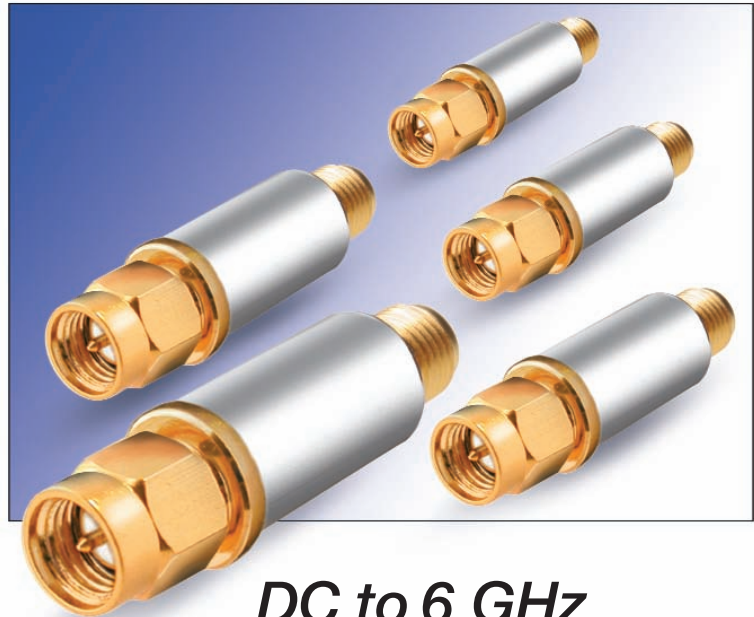


# FIXED ATTENUATORS

# Designer's Kit K1-VAT+

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



## DC to 6 GHz

### VAT+ Features

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



All models are  
RoHS compliant

**Kit K1-VAT+** Electrical specifications of each model (5 models, 1 of each, 5 total)

Model	Freq. (GHz)	Attenuation <sup>2</sup> (dB)					VSWR (:1)					Input Power (W)
		Flatness <sup>1</sup>										
		$f_L$ - $f_U$	Nom.	Typ.	Typ.	Typ.	DC-3 GHz	3-5 GHz	5-6 GHz	DC-6 GHz	DC-3 GHz	
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.



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