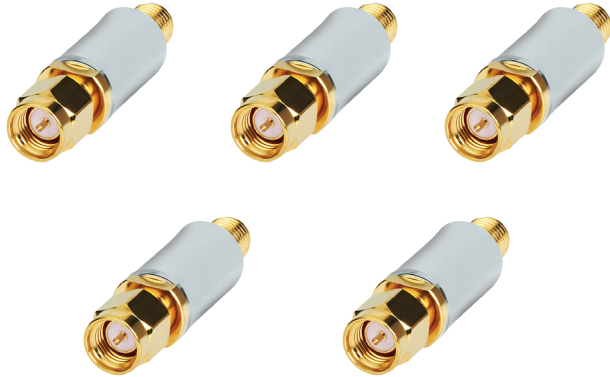




DESIGNER'S KIT K1-VAT+

Fixed Attenuators

50 Ω 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)	Attenuation ² (dB)					VSWR (:1)					Input Power (W)
	f _L -f _U	Flatness ¹										
		Nom.	DC-3 GHz Typ.	3-5 GHz Typ.	5-6 GHz Typ.	DC-6 GHz Typ.	DC-3 GHz Typ.	Max.	3-5 GHz Typ.	Max.	5-6 GHz 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.



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