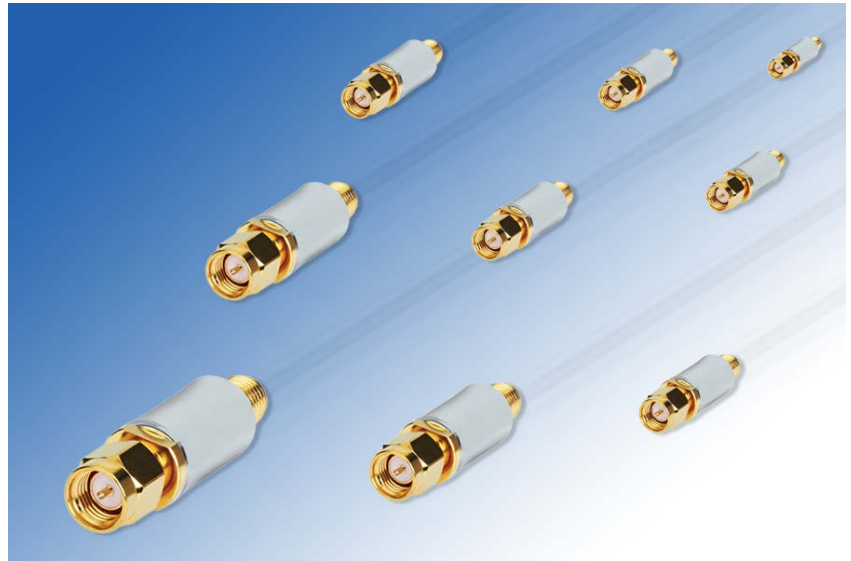# FIXED ATTENUATORS   *Designer's Kit K3-VAT+*

MINI-CIRCUITS DESIGNER'S KITS

SPEED UP
THE SOLUTION !

DC to 6GHz

VAT+ Features

- Wideband, 50Ω
- Input power 1W Max.
- 3, 6 and 10dB attenuation
- SMA Male and Female connectors

- Rugged Unibody construction
- Length less than 1.5"
- Low cost

All models are RoHS compliant

Kit *K3-VAT+* Electrical specifications of each model *(3 models, 2 of each, 6 total)*

Model	Freq. (GHz)	Attenuation[2] (dB)				VSWR (:1)					Input Power (W)
			Flatness[1]								
		Nom.	DC-3GHz Typ.	3-5GHz Typ.	5-6GHz Typ.	DC-6GHz Typ.	DC-3GHz Typ.	DC-3GHz Max.	3-5GHz Typ.	3-5GHz Max.	5-6GHz Typ.
	f_L-f_U										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

1. Flatness = variation over band divided by 2.
2. Attenuation varies by 0.3dB max. over temperature.

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