



DESIGNER'S KIT K2-VAT2+

Fixed Attenuators

50Ω DC to 6 GHz



FEATURES

- Wideband, 50 Ω
- Input power 2 W max.
- 1 to 10 dB attenuation
- Rugged Unibody construction
- SMA Male and Female connectors
- Length less than 1.5"
- Low cost

MINI-CIRCUITS DESIGNER'S KITS
SPEED UP
THE SOLUTION



K2-VAT2+ ELECTRICAL SPECIFICATIONS

(10 models, 1 of each, 10 total)

| Model | Freq. (GHz) | Attenuation ² (dB) | | | | | VSWR (:1) | | | | | Input Power (W) | |
|-----------|----------------|----------------------------------|----------|---------|---------|----------|--------------|------|------------|------------|---------|-----------------------|---------|
| | | Flatness ¹ | | | | | DC-3GHz | | | DC-3-5 GHz | | | 5-6 GHz |
| | | Nom. | DC-3 GHz | 3-5 GHz | 5-6 GHz | DC-6 GHz | DC-3GHz | | DC-3-5 GHz | | 5-6 GHz | | |
| f_L-f_U | Typ. | Typ. | Typ. | Typ. | Typ. | Typ. | Max. | Typ. | Max. | Typ. | Max. | | |
| VAT-1W2+ | DC-6 | 1±0.3 | 0.20 | 0.20 | 0.20 | 0.60 | 1.10 | 1.20 | 1.30 | 1.50 | 1.55 | 2 | |
| VAT-2W2+ | DC-6 | 2±0.3 | 0.20 | 0.20 | 0.25 | 0.65 | 1.10 | 1.20 | 1.30 | 1.50 | 1.50 | 2 | |
| VAT-3W2+ | DC-6 | 3±0.3 | 0.20 | 0.15 | 0.15 | 0.45 | 1.05 | 1.20 | 1.30 | 1.40 | 1.45 | 2 | |
| VAT-4W2+ | DC-6 | 4±0.3 | 0.20 | 0.15 | 0.20 | 0.55 | 1.05 | 1.20 | 1.30 | 1.45 | 1.50 | 2 | |
| VAT-5W2+ | DC-6 | 5±0.3 | 0.20 | 0.10 | 0.15 | 0.35 | 1.10 | 1.20 | 1.40 | 1.50 | 1.65 | 2 | |
| VAT-6W2+ | DC-6 | 6±0.3 | 0.20 | 0.10 | 0.20 | 0.45 | 1.10 | 1.20 | 1.30 | 1.45 | 1.50 | 2 | |
| VAT-7W2+ | DC-6 | 7±0.3 | 0.25 | 0.15 | 0.10 | 0.45 | 1.10 | 1.20 | 1.25 | 1.40 | 1.40 | 2 | |
| VAT-8W2+ | DC-6 | 8±0.3 | 0.15 | 0.10 | 0.15 | 0.25 | 1.10 | 1.25 | 1.25 | 1.40 | 1.60 | 2 | |
| VAT-9W2+ | DC-6 | 9±0.3 | 0.15 | 0.10 | 0.10 | 0.15 | 1.10 | 1.20 | 1.15 | 1.40 | 1.50 | 2 | |
| VAT-10W2+ | DC-6 | 10±0.3 | 0.10 | 0.20 | 0.15 | 0.35 | 1.15 | 1.25 | 1.35 | 1.60 | 1.60 | 2 | |

1. Flatness = variation over band divided by 2.

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

