



DESIGNER'S KIT K3-VAT2+

Fixed Attenuators

50Ω DC to 6 GHz



FEATURES

- Wideband, 50 Ω
- Input power 2W max.
- 3, 6 and 10 dB attenuation
- Rugged Unibody construction
- SMA Male & Female connectors
- Length less than 1.5"
- Low cost

MINI-CIRCUITS DESIGNER'S KITS
SPEED UP
THE SOLUTION



K3-VAT2+ ELECTRICAL SPECIFICATIONS

(3 models, 2 of each, 6 total)

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