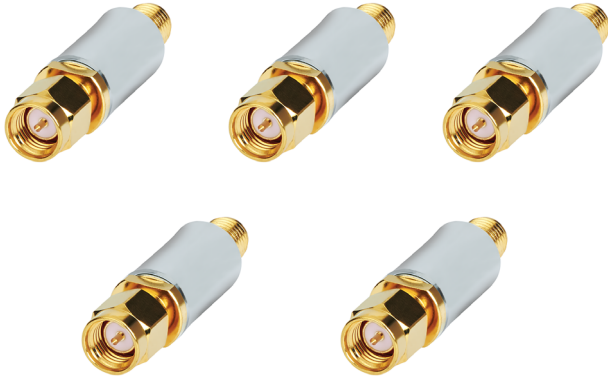




DESIGNER'S KIT K2-VAT+

Fixed Attenuators

50Ω DC to 6 GHz



FEATURES

- Wideband, 50Ω
- Input power 1W max.
- 1 to 10dB 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



K2-VAT+ ELECTRICAL SPECIFICATIONS

(10 models, 1 of each, 10 total)

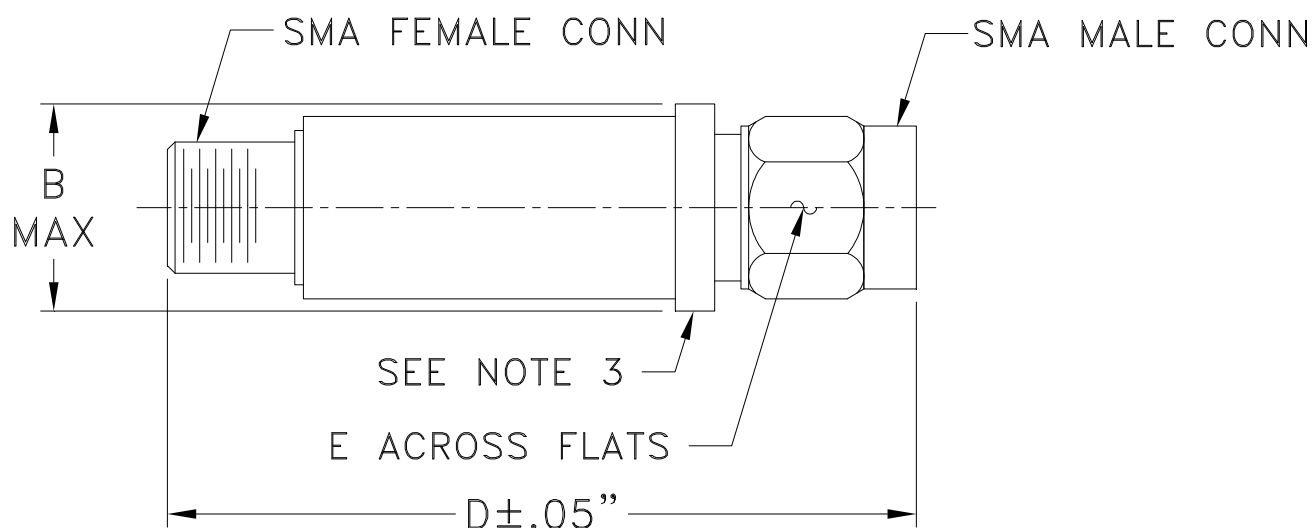
Model	Freq. (GHz) f_L - f_U	Attenuation ² (dB)					VSWR (:1)					Input Power (W) Max.
		Flatness ¹										
		Nom.	DC-3 GHz	3-5 GHz	5-6 GHz	DC-6 GHz	DC-3GHz		3-5 GHz		5-6 GHz	
			Typ.	Typ.	Typ.	Typ.	Typ.	Max.	Typ.	Max.	Typ.	
VAT-1+	DC - 6	1±0.3	0.20	0.20	0.20	0.60	1.05	1.20	1.10	1.50	1.40	1.0
VAT-2+	DC - 6	2±0.3	0.20	0.20	0.25	0.65	1.05	1.20	1.20	1.50	1.50	1.0
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-4+	DC - 6	4±0.3	0.20	0.15	0.20	0.55	1.05	1.20	1.15	1.45	1.45	1.0
VAT-5+	DC - 6	5±0.3	0.10	0.10	0.10	0.25	1.05	1.20	1.15	1.45	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-7+	DC - 6	7±0.3	1.10	0.10	0.10	0.10	1.05	1.20	1.15	1.40	1.40	1.0
VAT-8+	DC - 6	8±0.3	1.10	0.10	0.15	0.20	1.05	1.25	1.20	1.45	1.60	1.0
VAT-9+	DC - 6	9±0.3	1.10	0.10	0.10	0.10	1.05	1.20	1.15	1.50	1.60	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 0.3 dB max. over temperature.



Outline Dimensions



CASE #.	A	B	C	D	E	WT GRAMS
FF704	--	.410 (10.41)	--	1.43 (36.32)	.312 (7.92)	10.0

Dimensions are in inches (mm). Tolerances: 2Pl. ± .04; 3Pl. ± .030

Notes:

1. Case material: Stainless steel.
2. Case finish: Gold plated.
3. Round Flange may have .312 Across Flats in some models.



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The Design Engineers Search Engine Provides ACTUAL Data Instantly From MINI-CIRCUITS At: www.minicircuits.com

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