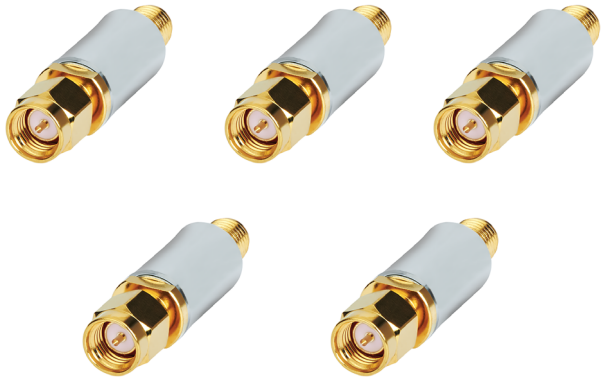
DESIGNER'S KIT K3-VAT-A+

Fixed Attenuators

50Ω DC to 6 GHz



FEATURES

- Wideband, 50Ω
- Input power up to 2W Max.
- 3, 6 and 10dB attenuation
- SMA Male and Female connectors
- Excellent VSWR, 1.20:1 to 1.40:1 typ.
- Excellent flatness, 0.30 to 0.45 typ.
- Length less than 1.5"

MINI-CIRCUITS DESIGNER'S KITS SPEED UP THE SOLUTION

RoHS COMPLIANT

PRODUCT OVERVIEW

K3-VAT-A+ is a designer's kit consisting of three different attenuator models in the VAT-A+ family. There are two units per model for a total of six units. Mini-Circuits' VAT-A series are fixed attenuators operating from DC to 6000 MHz with excellent attenuation flatness. This attenuator series supports testing and measurement applications. Precise performance, excellent VSWR and rugged unibody construction makes this model an ideal solution for systems requiring precise attenuation.

K3-VAT-A+ ELECTRICAL SPECIFICATIONS

(3models, 2 of each, 6 total)

Model No.[1]	Frequency (GHz) f_L-f_U	Attenuation[2] Flatness[3] (dB) Nom.[4]	DC-3 GHz Typ.	3-5 GHz Typ.	5-6 GHz Typ.	DC-6 GHz Typ.	VSWR (:1) DC-3 GHz Typ.	3-5 GHz Typ.	5-6 GHz Typ.	Input Power[5] (W) Max.
VAT-3A+	DC-6	3 ± 0.3	0.25	0.15	0.15	0.30	1.20	1.25	1.40	2.0
VAT-6A+	DC-6	6 ± 0.3	0.25	0.15	0.10	0.45	1.20	1.25	1.20	1.6
VAT-10A+	DC-6	10 ± 0.3	0.25	0.20	0.15	0.35	1.20	1.20	1.40	1.7

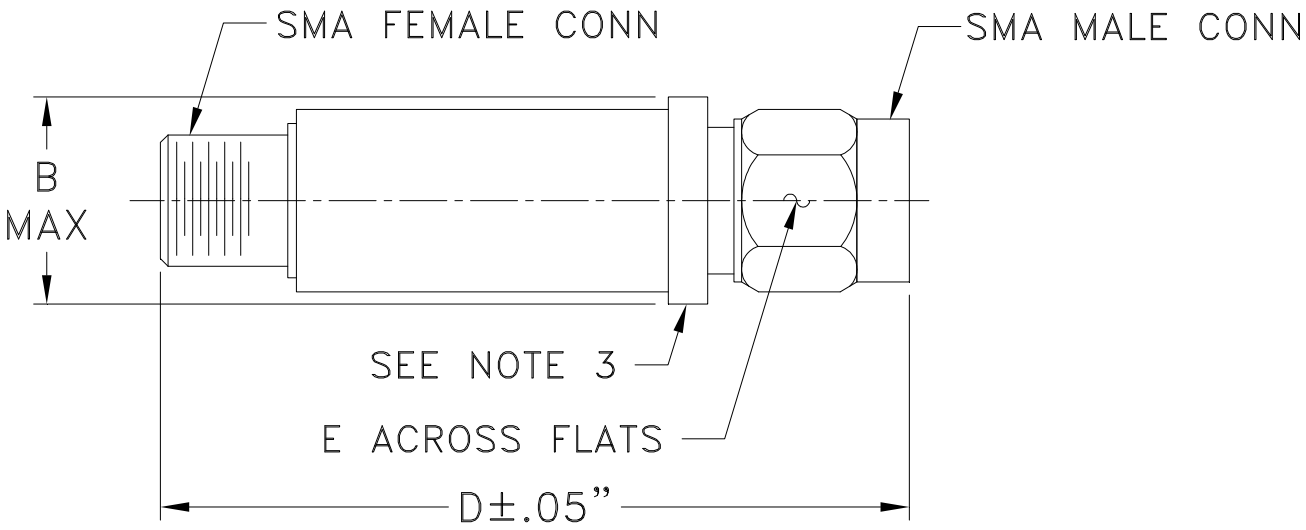
1. See individual model data sheets for more info.
2. Attenuation varies by 0.3 dB max over temperature.
3. Flatness = variation over band divided by 2.
4. Nominal attenuation at 10 MHz.
5. RF Power at 25°C. Check individual model data sheet for derated power at 85°C.

REV. OR
ECO-015321
K3-VAT-A+
MCL NY
221011

Case Style FF

FF704

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.

This document and its contents are the property of Mini-Circuits.