

Coaxial

SMA Fixed Attenuator

50Ω 1W 7dB DC to 200 MHz

VAT-7-1+



Maximum Ratings

Operating Temperature	-45°C to 100°C
Storage Temperature	-55°C to 100°C

Features

- 1 watt rating
- rugged unibody construction
- off-the-shelf availability
- very low cost

Applications

- impedance matching
- signal level adjustment

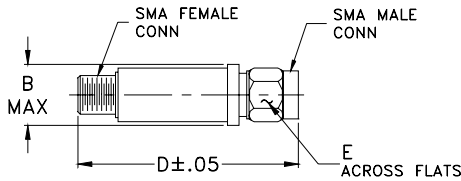
CASE STYLE: FF704

Connectors	Model	Price	Qty.
SMA	VAT-7-1+	Contact Sales Dept.	

+ RoHS compliant in accordance with EU Directive (2002/95/EC)

The +Suffix has been added in order to identify RoHS Compliance. See our web site for RoHS Compliance methodologies and qualifications.

Outline Drawing



Outline Dimensions (inch/mm)

B	D	E	wt
.410	1.43	.312	grams
10.41	36.32	7.92	10.0

Electrical Specifications at 25°C

FREQ. RANGE (MHz)	ATTENUATION (dB) Flatness*				VSWR (:1)			MAX. INPUT POWER (W)
	0.3-60 MHz	60-120 MHz	120-200 MHz		0.3-60 MHz	60-120 MHz	120-200 MHz	
f_L - f_U	Nom.	Max.	Max.	Max.	Max.	Max.	Max.	
DC-200	7±0.3	0.05	0.07	0.1	1.02	1.02	1.02	1.0

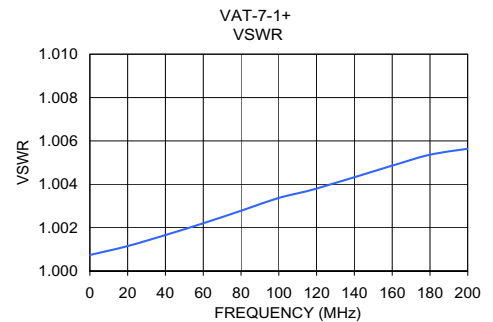
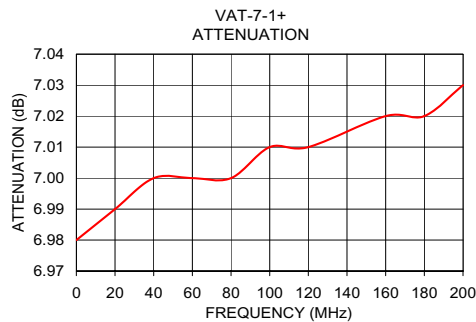
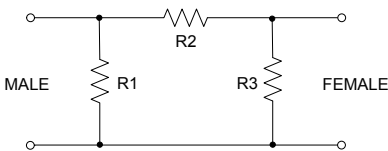
* Flatness= variation over band.

NON-CATALOG

Typical Performance Data

Frequency (MHz)	Attenuation (dB)	VSWR (:1)
0.3	6.98	1.00
20.00	6.99	1.00
40.00	7.00	1.00
60.00	7.00	1.00
80.00	7.00	1.00
100.00	7.01	1.00
120.00	7.01	1.00
160.00	7.02	1.00
180.00	7.02	1.01
200.00	7.03	1.01

Electrical Schematic



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IF/RF MICROWAVE COMPONENTS

REV. OR
M122386
VAT-7-1+
SS/CP
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