SMA Fixed Attenuator

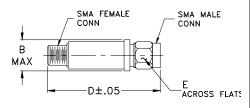
 50Ω 1W 12dB DC to 6000 MHz

Maximum Ratings

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

Permanent damage may occur if any of these limits are exceeded

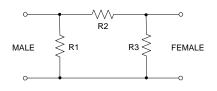
Outline Drawing



Outline Dimensions (inch)

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

Electrical Schematic



Features

- wideband coverage, DC to 6000 MHz
- 1 watt rating
- · rugged unibody construction
- off-the-shelf availability
- very low cost

Applications

- impedance matching
- signal level adjustment

VAT-12+ VAT-12



CASE STYLE: FF704

Connectors	Model	Price	Qty.
SMA	VAT-12(+)	\$11.95 ea.	(1-9)

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

The +Suffix identifies RoHS Compliance. See our web site for RoHS Compliance methodologies and qualifications.

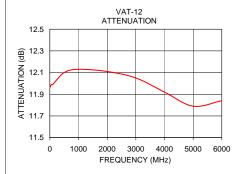
Electrical Specifications

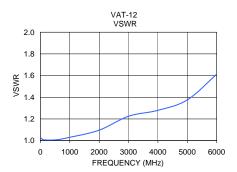
FREQ. RANGE (MHz)		ATTENUATION * (dB) Flatness **		VSWR (:1)			MAX. INPUT POWER		
		DC-3 GHz	3-5 GHz	5-6 GHz	DC-6 GHz	DC-3 GHz	3-5 GHz	5-6 GHz	(W)
f _L f _U	Nom.	Тур.	Тур.	Тур.	Тур.	Тур. Мах.	Тур. Мах.	Тур.	
DC-6000	12±0.3	0.10	0.10	0.10	0.30	1.05 1.35	1.20 1.70	1.65	1.0

^{*} Attenuation varies by 0.3 dB max. over temperature.

Typical Performance Data

Frequency (MHz)	Attenuation (dB)	VSWR (:1)
0.03	11.96	1.03
50.00	11.99	1.02
100.00	11.99	1.01
500.00	12.10	1.01
1000.00	12.13	1.03
2000.00	12.11	1.10
3000.00	12.05	1.23
4000.00	11.92	1.28
5000.00	11.79	1.38
6000.00	11.84	1.61





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For detailed performance specs & shopping online see web site

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IFIRE MICROWAVE COMPONENTS

^{**} Flatness= variation over band divided by 2.