

Coaxial SMA Fixed Attenuator

50Ω 1W 15dB DC to 6000 MHz

VAT-15+
VAT-15



Maximum Ratings

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

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

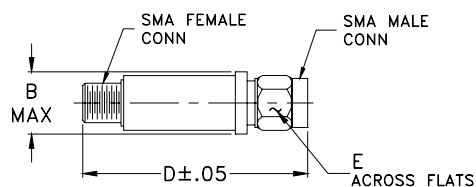
CASE STYLE: FF704

Connectors	Model	Price	Qty.
SMA	VAT-15(+)	\$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.

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

FREQ. RANGE (MHz)	ATTENUATION * (dB) Flatness **					VSWR (:1)					MAX. INPUT POWER (W)
	DC-3 GHz		3-5 GHz	5-6 GHz	DC-6 GHz	DC-3 GHz		3-5 GHz		5-6 GHz	
	Nom.	Typ.	Typ.	Typ.	Typ.	Typ.	Max.	Typ.	Max.	Typ.	
f _L -f _U											
DC-6000	15±0.3	0.20	0.30	0.30	0.80	1.05	1.40	1.40	1.80	1.75	1.0

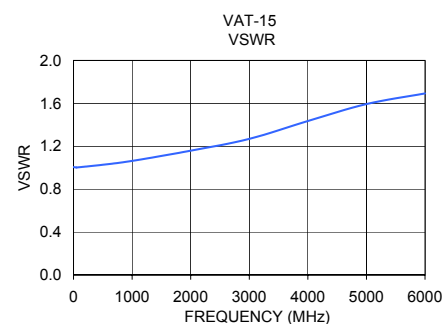
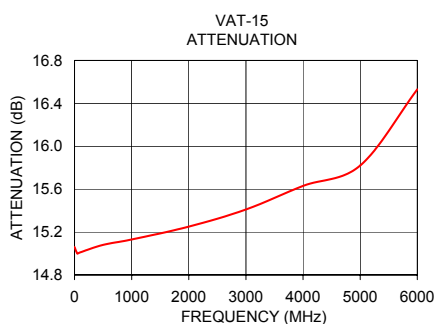
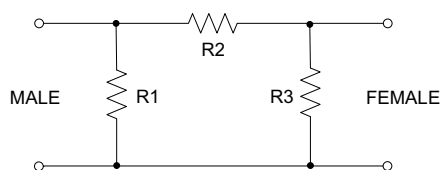
* Attenuation varies by 0.3 dB max. over temperature.

** Flatness= variation over band divided by 2.

Typical Performance Data

Frequency (MHz)	Attenuation (dB)	VSWR (:1)
0.03	15.06	1.01
50.00	15.00	1.00
100.00	15.01	1.00
500.00	15.08	1.03
1000.00	15.13	1.06
2000.00	15.25	1.16
3000.00	15.41	1.27
4000.00	15.63	1.44
5000.00	15.82	1.59
6000.00	16.53	1.69

Electrical Schematic



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