

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
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Full-service, independent repair center
with experienced engineers and technicians on staff.

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along with credit for buybacks and trade-ins.

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so your equipment works exactly as you specify.

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- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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Coaxial

SMA Fixed Attenuator

50Ω 0.5W 30dB DC to 6000 MHz

VAT-30+
VAT-30



CASE STYLE: FF704

Connectors	Model	Price	Qty.
SMA	VAT-30(+)	$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.

Maximum Ratings

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

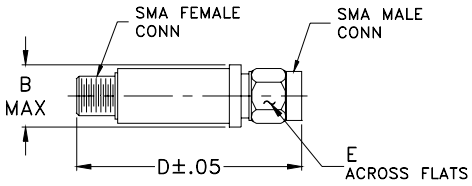
Features

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

Applications

- impedance matching
- signal level adjustment

Outline Drawing



Outline Dimensions (inch / mm)

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

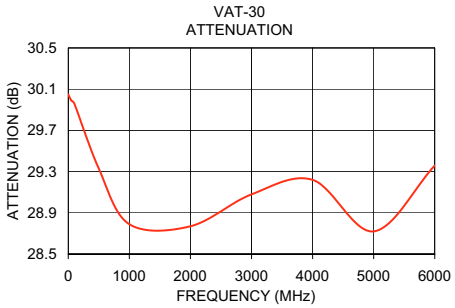
Electrical Specifications

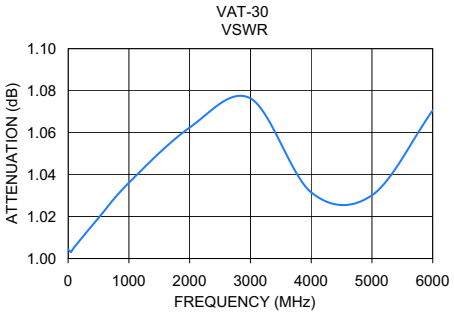
FREQ. RANGE (MHz)	ATTENUATION * (dB) Flatness **					VSWR (:1)					MAX. INPUT POWER (W)
		DC-3 GHz	3-5 GHz	5-6 GHz	DC-6 GHz	DC-3 GHz		3-5 GHz		5-6 GHz	
f_L-f_U	Nom.	Typ.	Typ.	Typ.	Typ.	Typ.	Max.	Typ.	Max.	Typ.	
DC-6000	30±0.3	1.10	0.70	0.35	1.30	1.05	1.20	1.15	1.30	1.25	0.5

* 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	30.05	1.00
50.00	29.99	1.00
100.00	29.96	1.01
500.00	29.33	1.02
1000.00	28.79	1.04
2000.00	28.77	1.06
3000.00	29.08	1.08
4000.00	29.22	1.03
5000.00	28.72	1.03
6000.00	29.36	1.07





designers kit available

Kit No.	No. of Units in Kit	Description	Price $ per Kit
K1-VAT	5	1 of ea. VAT-3(+), 6(+),10(+), 20(+), 30(+)	49.95
K2-VAT	10	1 of ea. VAT-1(+), 2(+), 3(+), 4(+), 5(+), 6(+), 7(+), 8(+), 9(+), 10(+)	99.95
K3-VAT	6	2 of ea. VAT-3(+), 6(+), 10(+)	59.95

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