

Coaxial

SMA Fixed Attenuator

50Ω 0.5W 20dB DC to 6000 MHz

VAT-20+

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.

Features

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

Applications

- impedance matching
- signal level adjustment



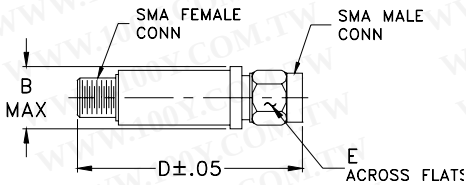
CASE STYLE: FF704

Connectors Model
SMA VAT-20+

+ 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

勝特力材料 886-3-5753170
勝特力电子(上海) 86-21-34970699
勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

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 _c -f _u											
DC-6000	20±0.3	0.45	0.55	0.35	0.85	1.05	1.20	1.20	1.50	1.30	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	20.08	1.01
20.00	20.03	1.00
50.00	20.01	1.00
100.00	20.02	1.00
500.00	20.11	1.00
1000.00	20.21	1.01
2000.00	20.32	1.06
3000.00	20.10	1.11
4000.00	19.53	1.17
5000.00	18.63	1.24

Electrical Schematic

