

# RF Power Amplifier module

AP001220 - 10

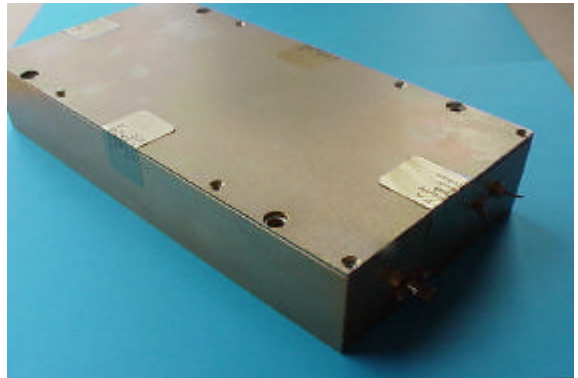
This solid state power amplifier is designed for reliable, trouble-free service. It operates in a class A / AB with a 26 V DC power supply. The amplifier is accommodated in aluminium housing.

### Features :

- \* 15 Watts saturated output power
- \* 40 dB minimum gain
- \* Electronic Attenuator in option
- \* Overvoltage and reverse protection

### Applications :

- \* RF links
- \* Test Bench
- \* Field Test
- \* Instrumentation



Case : B003-02

### Specifications

Characteristics	Data	Units
Frequency range	10 KHz - 220 MHz	MHz
RF output power CW		
Typ.	15	W
Min	10	W
Class	A / AB	
Power gain min	40	dB
Flatness	+/- 2,5 dB	dB
Input power for rated output power	0	dBm
Max. input power	10	dBm
In / Out impedances nom.	50	Ohms
Input VSWR	2 : 1	
Load VSWR for rated output power	up to 1.5 : 1	
VSWR mismatch	Infinite @ 10 W CW	
Protection circuits	Load VSWR, over temperature	
Harmonics typ.	-20	dBc
Spurious typ.	-60	dBc
Modulation capability	100	%
Noise Figure typ.	10	dB
Intercept point 3 rd Order typ.		dBm
RF connectors	SMA or N female	
Cooling	by conduction	
Operating temperature Range	0 °C ... + 50	° C
Power Supply	27 DC +/- 10 %	V
Dimensions (W x L x H)	200 x 100 x 40 B003-2	mm
All data at room temperature + 22 °C, into 50 Ohms, subject to change without notice		

Made in European Union

## R.F.P.A. S.A.

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