

**MODEL PA100-2000-35 Low Noise PREAMPLIFIER**

This solid state Low Noise amplifier is designed for reliable, trouble-free service. It operates in a class A with a 15 V DC power supply. The amplifier is accommodated in aluminium housing.


**Features :**

- \* 3 dB of NF
- \* 35 dB minimum gain
- \* Electronic Attenuator in option
- \* Overvoltage and reverse protection

**Applications :**

- \* RF links
- \* Tests Bench
- \* Instrumentations

**Specifications**

Characteristics	Data	Units
Frequency range	100 - 2000	MHz
RF output power CW		
Typ.	5	dBm
Min	0	dBm
Class	A	
Power gain typ	35	dB
Flatness	+/- 2.5 dB	dB
Input power for rated output power	-35	dBm
Max. input power	-20	dBm
In/Out impedances nom.	50	Ohms
Input VSWR	2.5 : 1	
VSWR mismatch	Infinite	
Protection circuits	Over and reverse voltage	
Modulation capability	100	%
Noise figure typ	3	dB
Intercept point 3rd order typ	12	dBm
RF connectors	N Female	
Cooling	By conduction	
Operating temperature range	0 °C ... + 55	°C
Power supply	15 DC +/- 20 %	V
Dimensions (W*L*H)	51*70*21 BO05-01	mm

Made in France

Site web : <http://m2s-argeles.fr/>