

Low Noise Broadband Amplifier module

BA8001000-30

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 :

- * 1,5 dB of NF
- * 30 dB minimum gain
- * Electronic Attenuator in option
- * Overvoltage and reverse protection



case : B005-01

Applications :

- * RF links
- * Tests Bench
- * Fields Test
- * Instrumentations

Specifications

Characteristics	Data	Units
Frequency range	800 - 1000	MHz
RF output power CW		
Typ.	5	dBm
Min	0	dBm
Class	A	
Power gain typ	30	dB
Flatness	+/- 0.75dB	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.	1,5	dB
Intercept point 3 rd 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 x L x H)	51 x 70 x 21 B005-01	mm
All data at room temperature + 22 °C, into 50 Ohms, subject to change without notice		

Made in European Union

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