

## Low Noise Broadband Amplifier module

# BA30500-14-40IP

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 :

- \* 6 dB of NF
- \* 14 dB minimum gain
- \* Electronic Attenuator in option
- \* Overvoltage and reverse protection

### Applications :

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

case : B014

### Specifications

Characteristics	Data	Units
Frequency range	30 - 1000	MHz
RF output power CW		
Typ.	19	dBm
Min	17	dBm
Class	A	
Power gain typ	14	dB
Flatness	+/- 1,5 dB	dB
Input power for rated output power	-35	dBm
Max. input power	0	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.	6	dB
Intercept point 3 rd Order typ.	40	dBm
RF connectors	SMA female	
Cooling	by conduction	
Operating temperature Range	0 °C ... + 55	° C
Power Supply	15 DC	V
Dimensions (W x L x H)	B014	mm
All data at room temperature + 22 °C, into 50 Ohms, subject to change without notice		

Made in European Union

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