

LNA 600 MA/LNA 200 MA/LNA 70 MA

The new low-noise amplifier for the 6m band represents a completely new development of SSB-Electronic.

This version of the LNA is characterized by a weatherproof, IP44 protected housing, allowing a close antenna installation of our high quality preamplifier.

The power supply is usually done by remote supply. If there is no remote possibility, we recommend using our bias tee DCC 5000pro (ref.: 1040).

The new preamplifiers from SSB-Electronic are low noise while simultaneously offering high amplification. Thus, they are ideal for use in EME, MS, Aurora and Tropo DX applications.

Specifications that speak for themselves:

Technical Data	LNA 600 MA	LNA 200 MA	LNA 70 MA
Frequency Range [MHz]:	50 - 52	144 - 146	430 - 440
Noise Figure @ 20°C (NF) [dB]:	0,25 +/-0,05	0,25 +/-0,05	0,35 +/-0,05
Amplification typ. (S21) [dB]:	24,0 +/-1,0	24,0 +/-1,0	21,0 +/-1,0
Return Loss IN (S11) [dB]:	2,7	2,0	3,0
Return Loss OUT (S22) [dB]:	20,0	20,0	10,0
IIP3 IN [dBm]:	-1,0	-2,0	-2,0
OIP3 OUT [dBm]:	23,0	22,0	23,0
max. Input Level [dBm]:	10,0	10,0	10,0
Impedance [Ohm]:	50	50	50
Connection Standard:	N-f	N-f	N-f
Operating Voltage [V]:	8 -14	8 -14	8 -14
Power Consumption [mA]:	60	60	60
Dimensions (LxBxH) [mm]:	164 x 90 x 120	164 x 90 x 120	164 x 90 x 120
Weight [g]:	360	360	360