

AGO Products

Amateur Band UHF/SHF LNA's

Specifications: Stocked LNA Frequencies:

432 MHz: **0.29 dB** n/f @ 20 dBg (BP output)

900 MHz: **0.28 dB** n/f @ 36 dBg

1.3 GHz: **0.28 dB** n/f @ 36 dBg

2.3 GHz: **0.48 dB** n/f @ 27 dBg

3.4 GHz: **0.58 dB** n/f @ 24 dBg

DC Voltage: 9 to 20v external

Noise Figure +/- 0.06 dB, Gain +/- 3 dB

P_{1dB} Input : -23 dBm +/- 3 dB

P_{1dB} Output : +11 dBm +/- 3 dB

S₁₁: -5 dBm +/- 3 dB

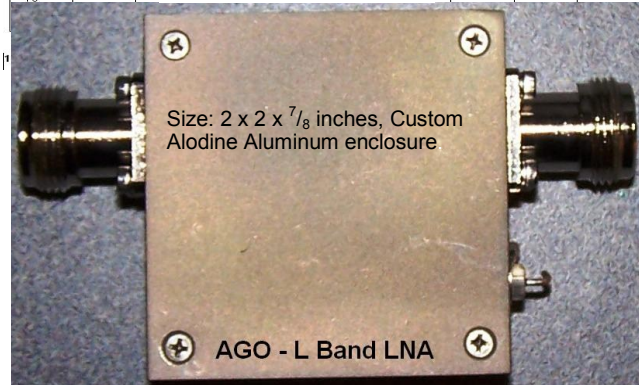
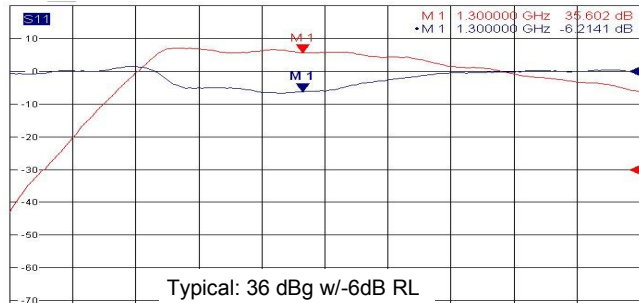
\$175

Select either Female N or SMA connectors. N Male used on input add \$5, SMA Male on input add \$12. Machined aluminum enclosure is not waterproof. Please contact us for quote's on LNA designs for frequencies 0.1 to 4.0 GHz and increased gain models. Customization is available. Add S/H outside US 48.

Tommy Henderson - WD5AGO

wd5ago@hotmail.com # 918-698-4554

Pay-Pal or Check maybe used



Super Low Noise, Cavity - LNAs

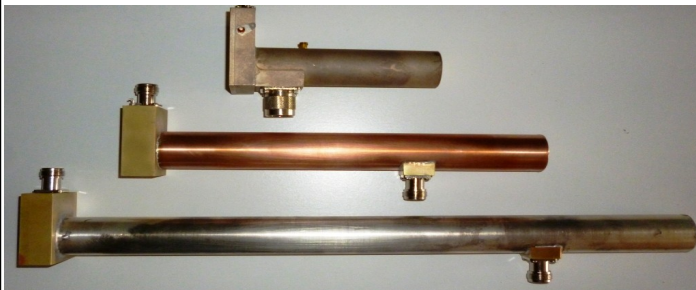
Narrower Bandwidth with Higher IMD performance. Standard Frequencies listed, custom frequencies available.

144 MHz: 21 dBg @ 0.25 dB n/f, P1 dB: +13 dBm

222 MHz: 20 dBg @ 0.27 dB n/f, P1 dB: +13 dBm

432 MHz: 18 dBg @ 0.29 dB n/f, P1 dB: +12 dBm

\$275 Standard, \$325 silver plated, \$350 +33 dBg



Circular Polarized Septum Feed-Horns

Frequencies: 2.3, 3.4, 5.7, and 10 GHz

Performance: 0.41 f/D, with scalar 0.33 to 0.45 f/D

S₁₁ > -18 dB (-23 typical), S₂₁ > -18 dB (-23 typical)

Axial Ratio: 1 +/- 0.6 dB typical: (measured w/o scalar)

Freq. CP horn, w/1 ring Scalar, Multi rings available

2.3 CP = \$300, \$375

3.4 CP = \$250, \$325

5.7 CP = \$225, \$275

10 CP = \$175, \$225

Price + S/H



Tuned, ready to use, select a connector, N or SMA —Male or Females. Silver plating available and cost depends on current silver prices.

23cm Band-Pass Cavity Filters (1"x 1"x 3")

\$ 100 (male N x female N, - 2.0 dB +/- 0.5 dB loss)

23cm Power Dividers

\$ 60 (2 port)

\$ 70 (4 port)

3.3 — 6.0 GHz LP-Yagi PCB Antenna

Made on low loss RO-4003

1.6" x 1.6" board (coax and connector not included)

\$ 10 (PCB Only)

