

Pa0nhc PCB catalog.

Ver : 20230425 Copyright pa0nhc.

World wide **free shipment** (except otherwise mentioned).

You get an Email when I posted your goods.

*Track and trace + insurance costs upto 35 Euro's **extra** !*

All technical info and building instructions
are available on : www.pa0nhc.nl

Pure Signal power tap for Hermes Lite2.

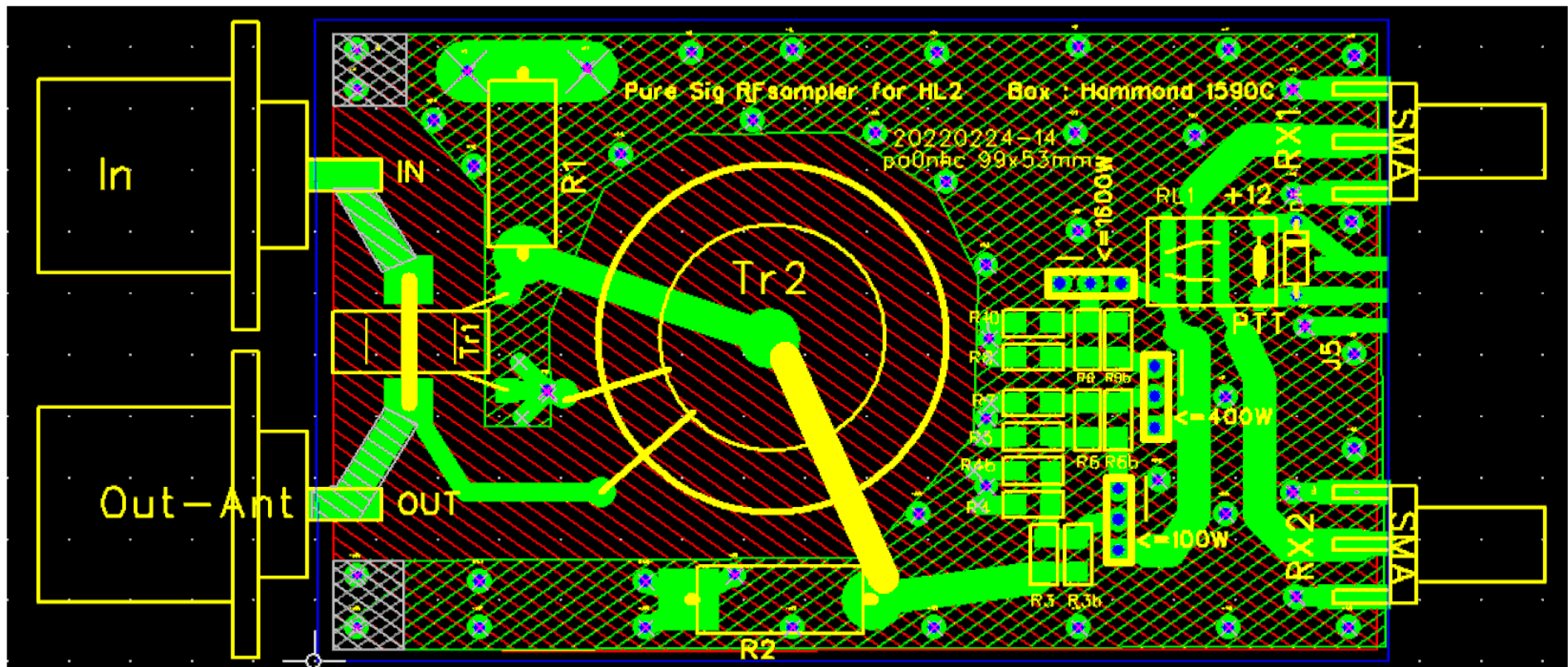
50 Ohms output : -1dBm peak.

Adjustable for 100W or 400W or 1600W peak input.

12Vdc PTT.

Fits into a Hammond 1590C ALU box.

www.pa0nhc.nl



20210825

“Double Delta Loop” ©.
Unique small 145MHz
omni directional
horizontal polarized
low power loop antenna.

Building kit contains:

Loop PCB 162 x 195 mm.

1 ferrite core.

1 meter lacqured 0.25 mm wire.

2 capacitors.

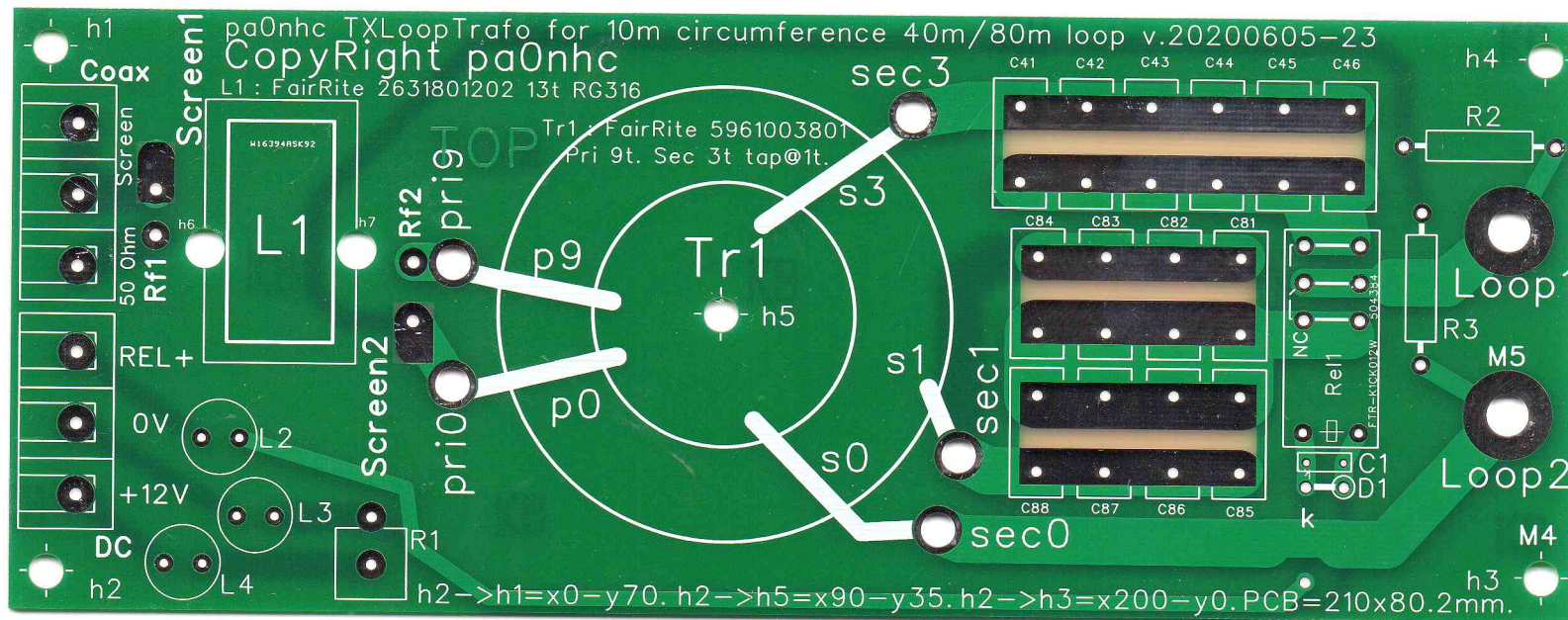
1 hairpin match wire.

See setup details at www.pa0nhc.nl

Price : 30 Euro.



Transformer PCB for pure magnetic, permanent outdoor, transmit + receive loop antenna. Balanced, 3-band, high efficiency. © 20200617.



Professional double sided matching PCB : 27.50 Euro

New 210x80mm design with smaller but improved CMC.

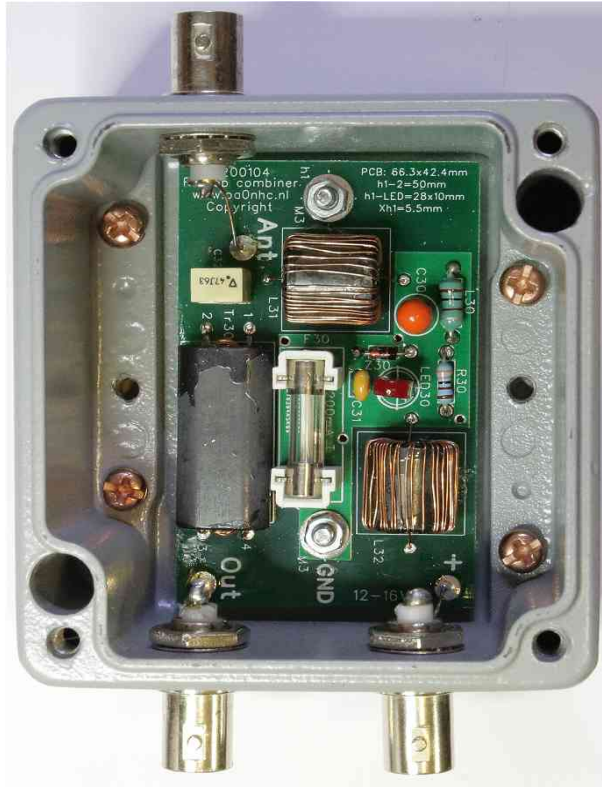
Bigger connection strips and more space for different types of 40m and 80m series tune capacitors.

Usable capacitors : **Mica, MKP2, polyester low inductance.**

Also usable for a mono band loop.

Read full development, construction and adjustment details on
www.pa0nhc.nl

Pa0nhc version of an active receiving loop antenna. 20201020.

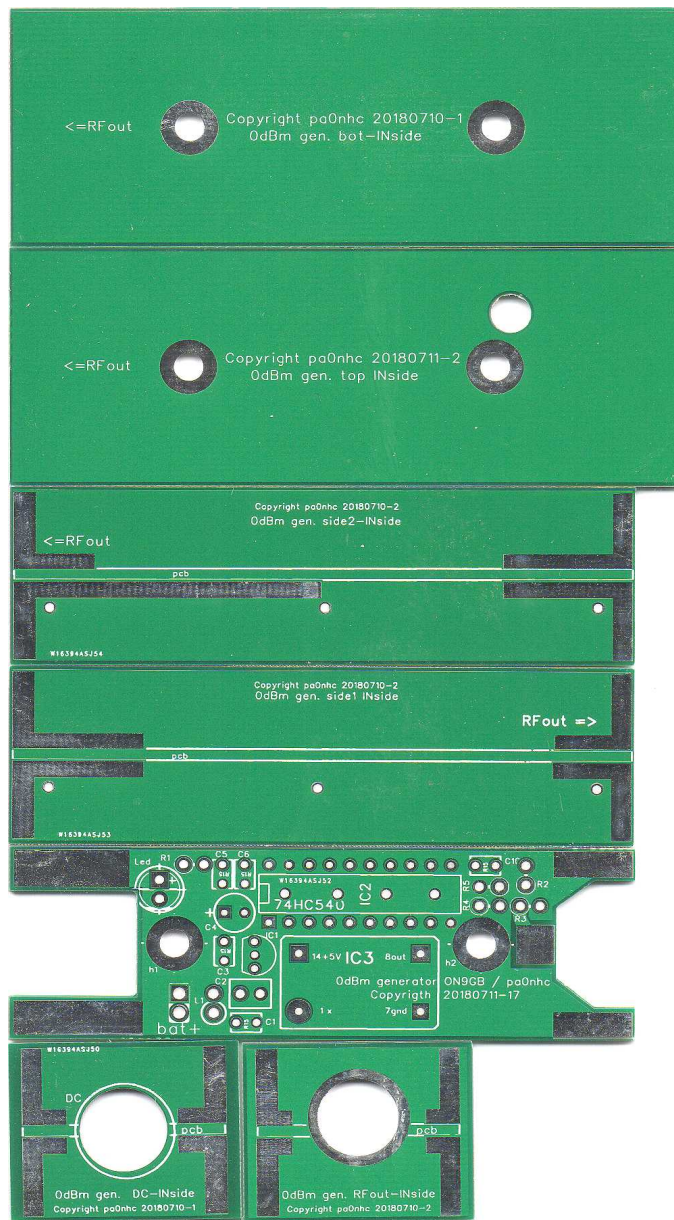


2 PCB set : **25 Euro**

ON9BOG / PA0NHC
50 ohm 0dBm
generator
for calibration of
S-meters.

Complete 7 PCB set
including housing.

20.- Euro

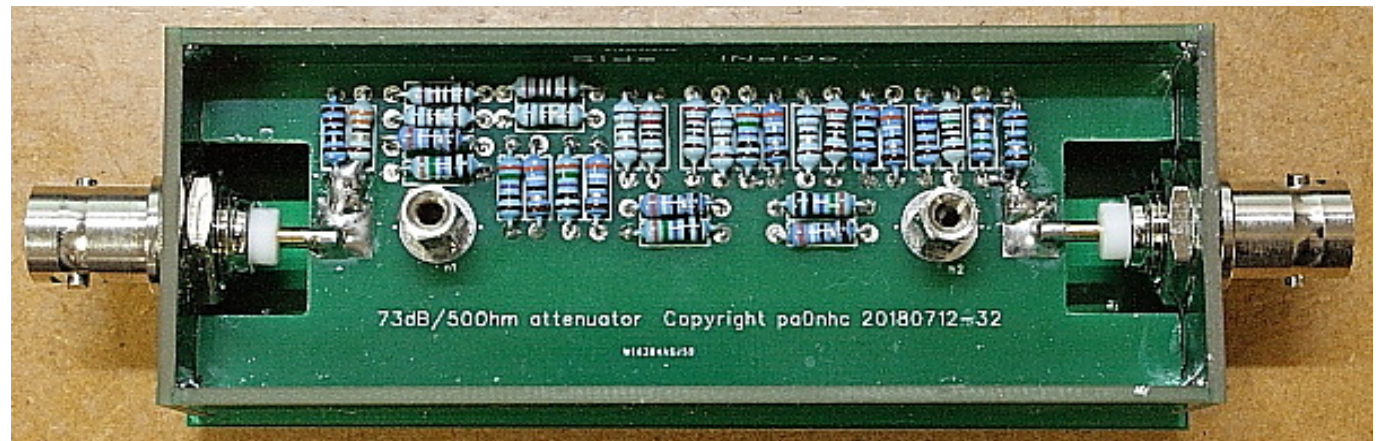
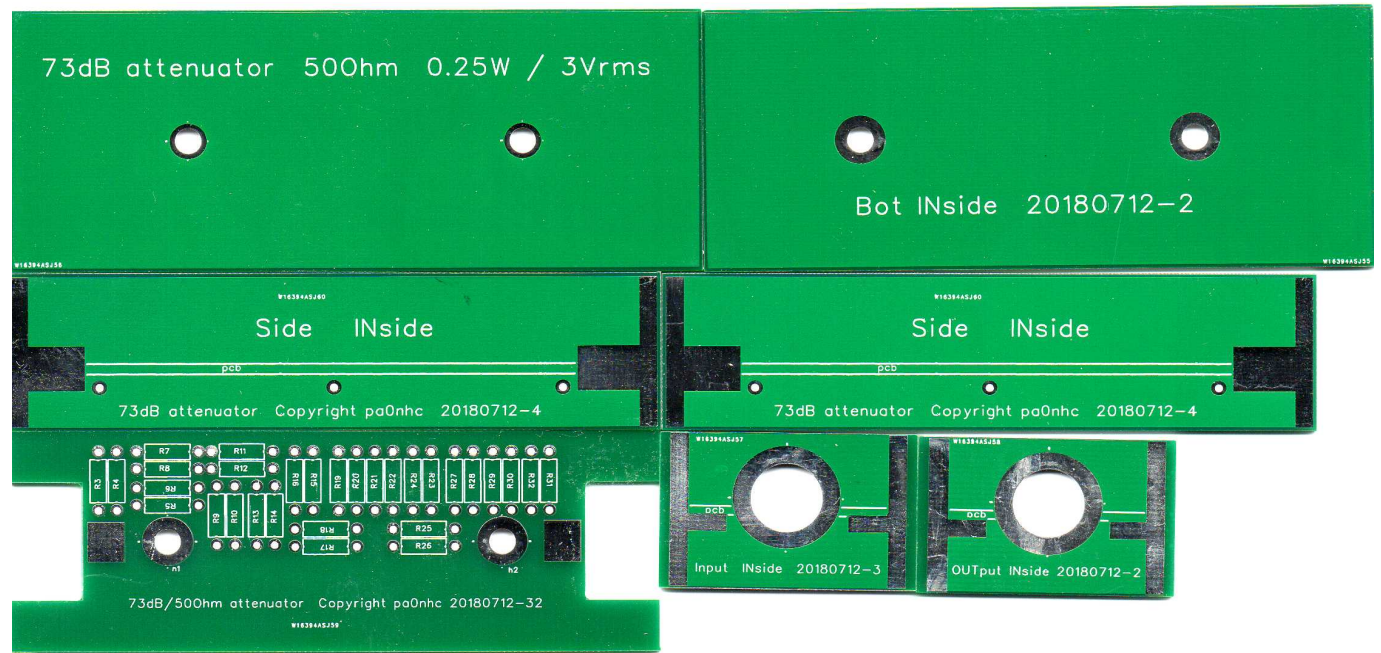


Fixed 50 ohm 63dB attenuator for calibration of S-meters.

Output :
(with 0dBm generator)
S9+10dB.

Complete 7 PCB set including housing.

20.- Euro



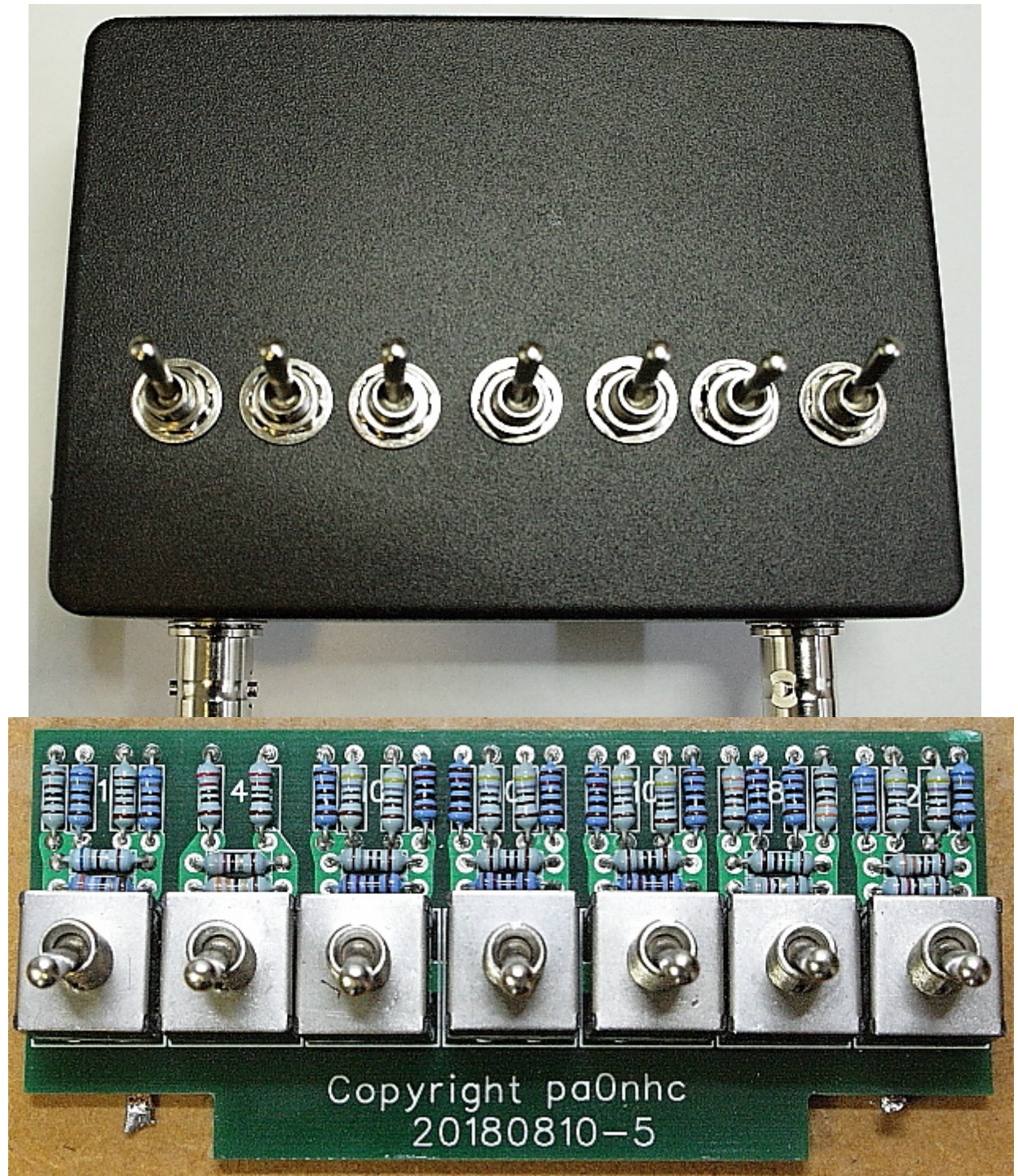
1 dB step attenuator
50 ohm 73dB max.
for calibration of
S-meters.

Good quality cheap tumbler switches.

Circuit PCB : 16.- Euro

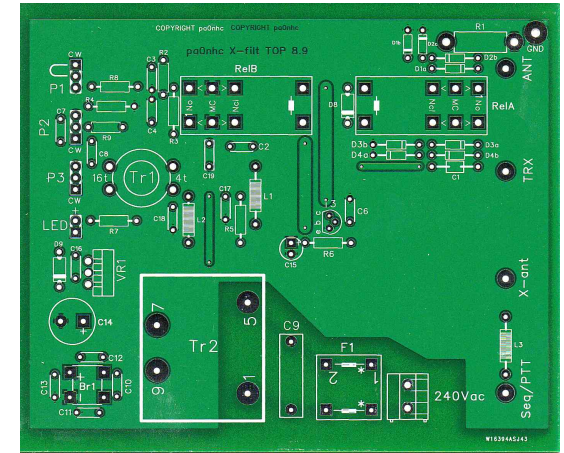
Output with 0dBm generator is
S9+73dB to S9.

Output with 0dBm generator
and
63dB attenuator is
S9+10dB tot S9-63dB..



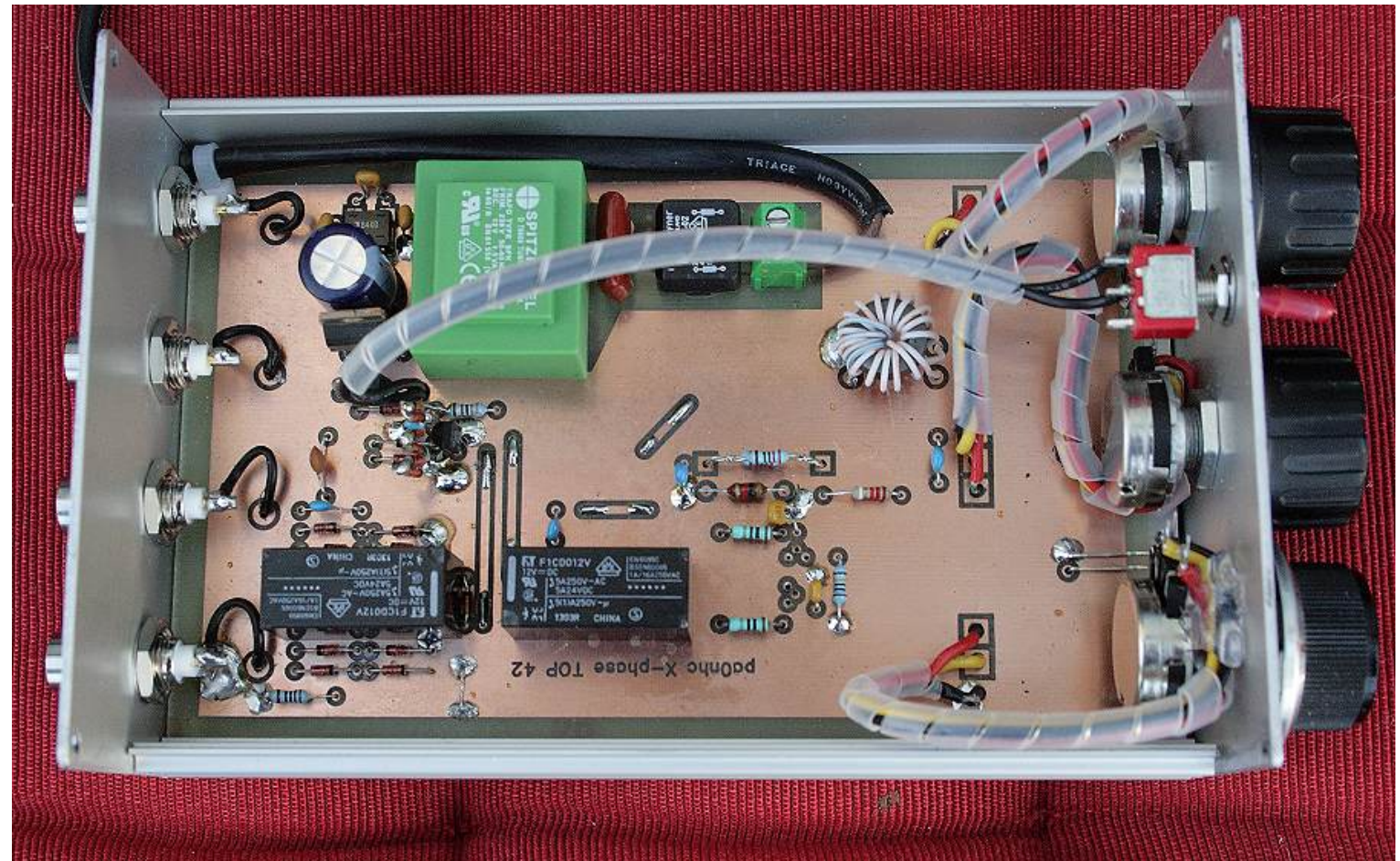
Main unit PCB: 20.-- Euro

(NO antenna unit PCB available !)



“Xfilt”

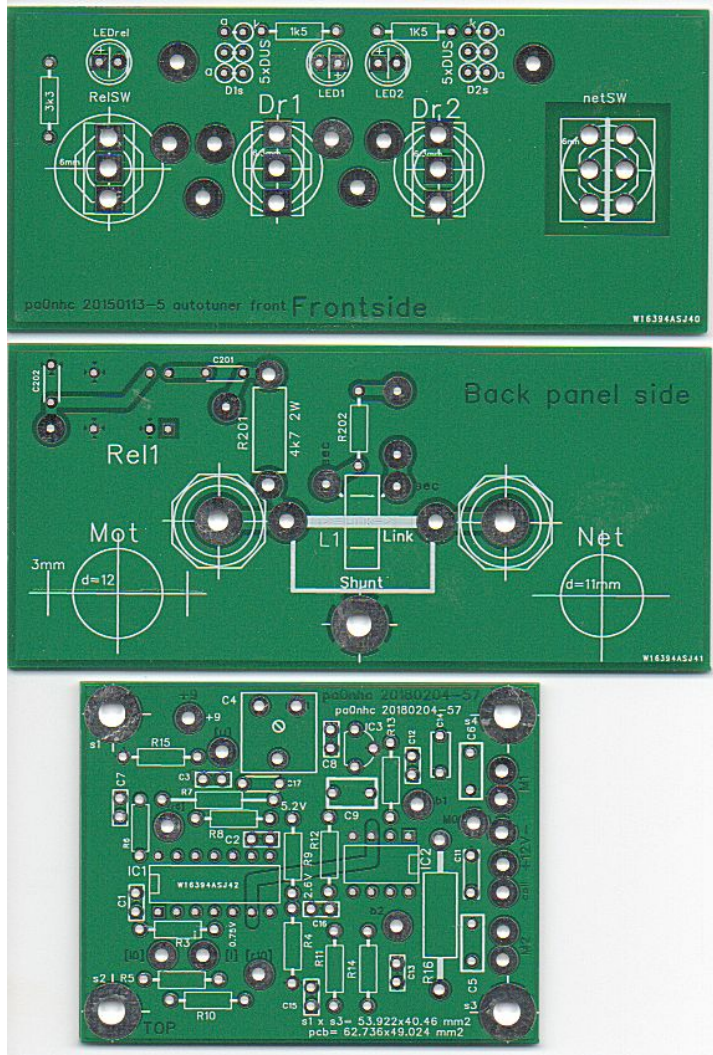
pa0nhc
active
RF noise
canceller



Prototype.

Automatic loop tuner.

Updated PCB designs : component locations, component Ids, less wiring.
PCB set : 27.50 Euro. A4 manual : 12.50 Euro.

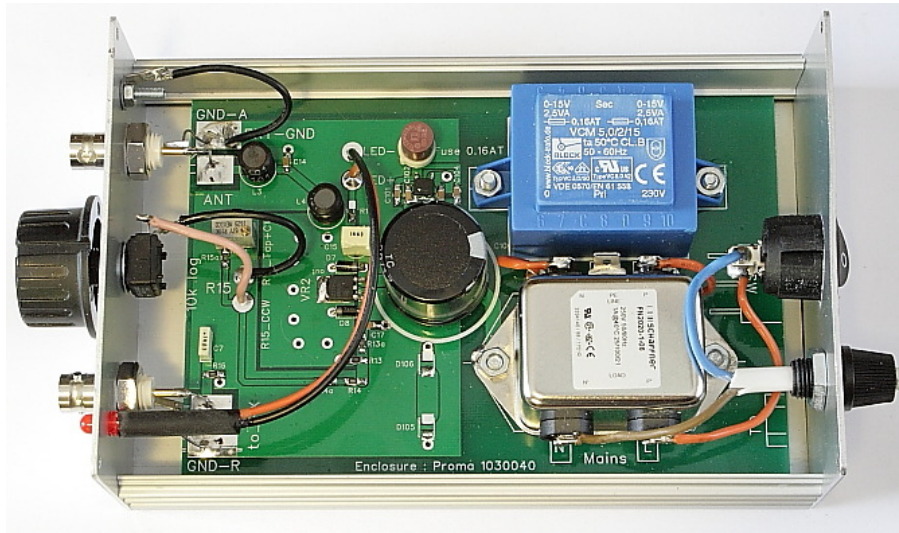
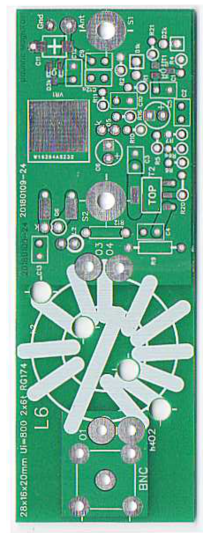
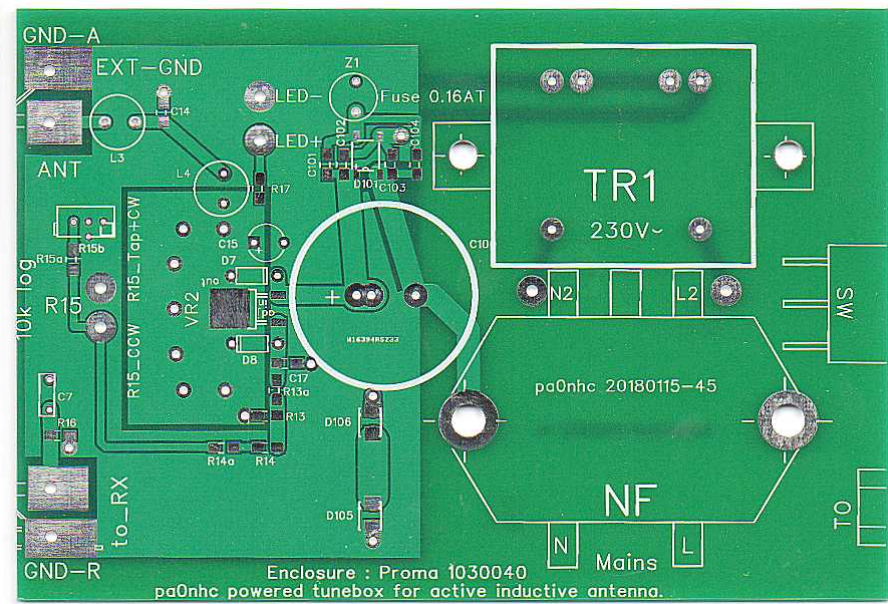


Unique pa0nhc
small active, very selective
magnetic (H-field)
NVIS receiving antenna.

If installed rotateable,
vast suppression of local noises
is possible

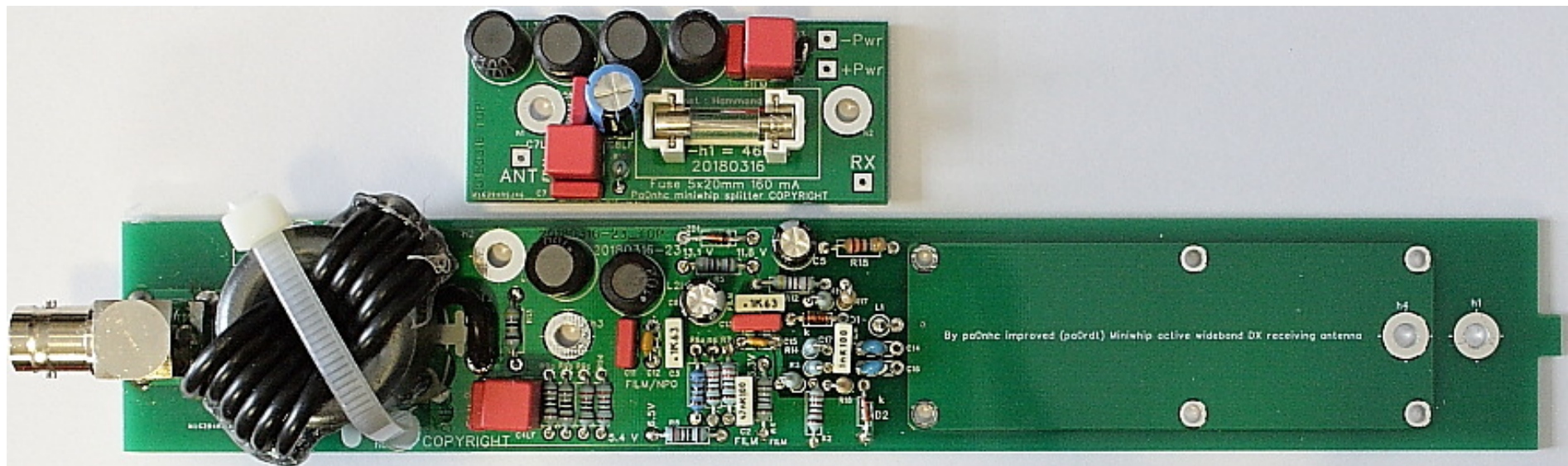
Build-in noiseless power supply.

PCB set : 30.-- Euro.



Pa0nhc version of the MINIWHIP.

Active wideband receiving antenna.
10 kHz tot > 30 MHz. IP3 : 30 dBm.
PCB set prijs : 25.-- Euro.



READ FIRST on my site :

“The accordances and differences between E-field and H-field antennas”

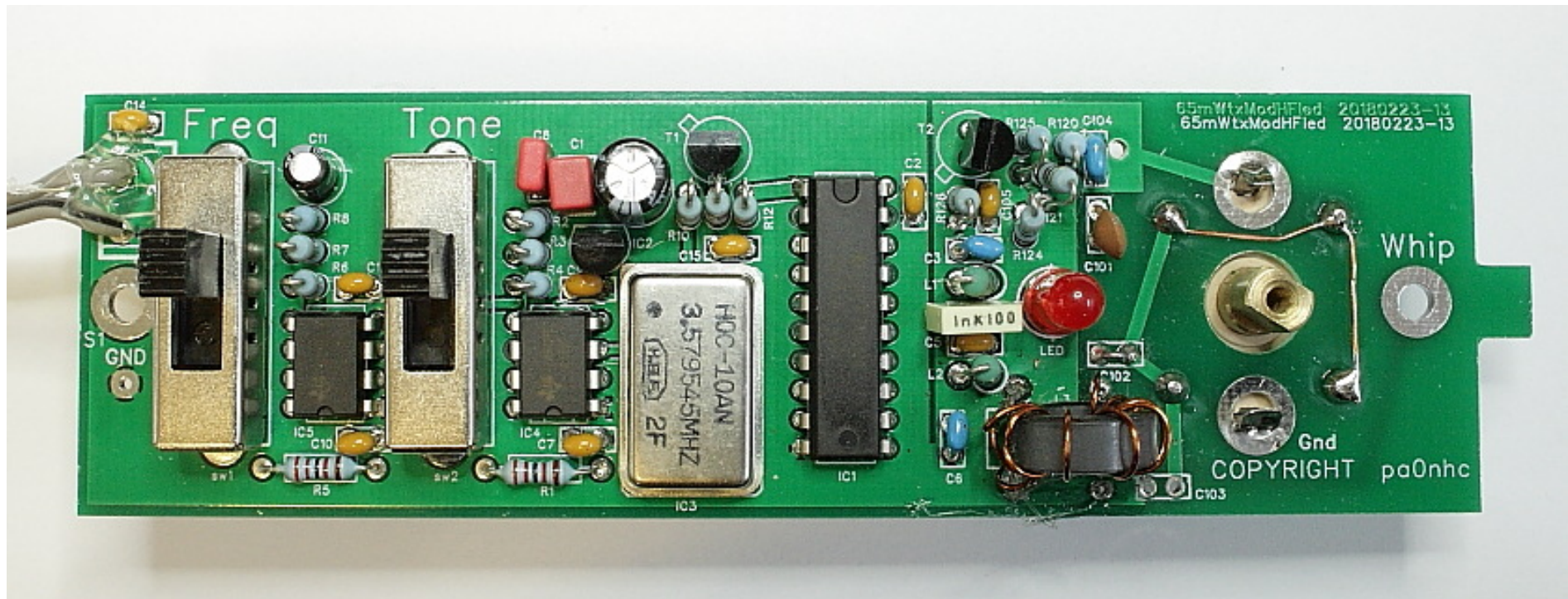
AM modulated (3,58 MHz) mini TX 65 mW.

Build-in tuner for whip or short wire antenna, ground / counterpoise.

AM modulation : 3 tones x 3 tempi = 9 different modulations.

6-9 Vdc / 40 mA, at least 5 ur stable operation on 9V battery.

PCB : 16.-- Euro.
10 pieces : ask price.

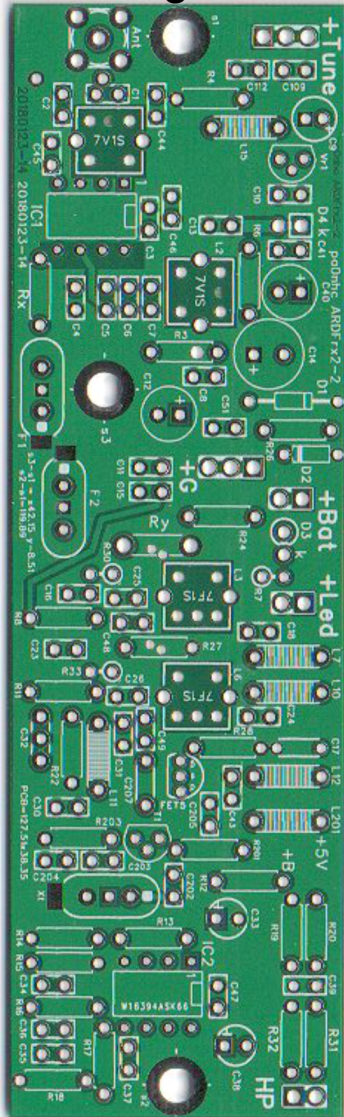


Optimal analogue 145 MHz ARDF receiver.

Very sensitive, very selective, large sensitivity range adjustment.

New version PCB : 20.-- with larger holes and new coil connections for easy use of different still available coils and coil sets. Mean current consumption only 9V / 15 mA.

Tune range abt. 1MHz. Only suitable for *experienced* builders. Want 10 pieces ? Ask price.

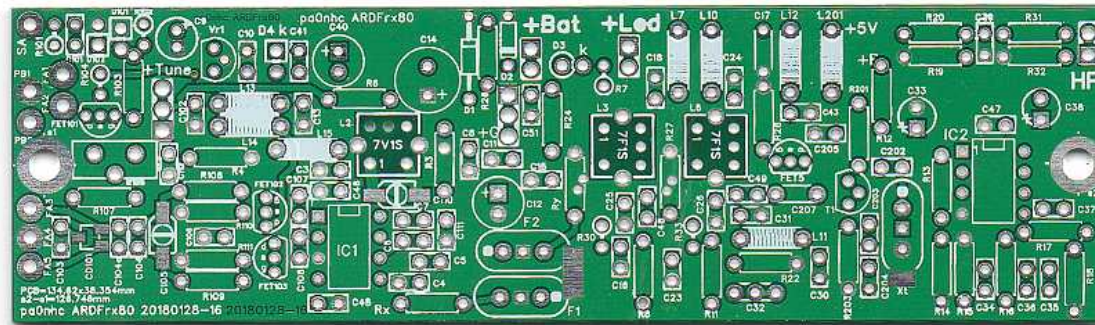


Optimal analogue 3.5 MHz ARDF receiver.

Fully balanced input circuits : antenna, buffer, mixer.

New version PCB including new coil connections for easy use of different still available coils. 9V / 30 mA. Tune range abt. 100KHz (3.5 to 3.6 MHz).

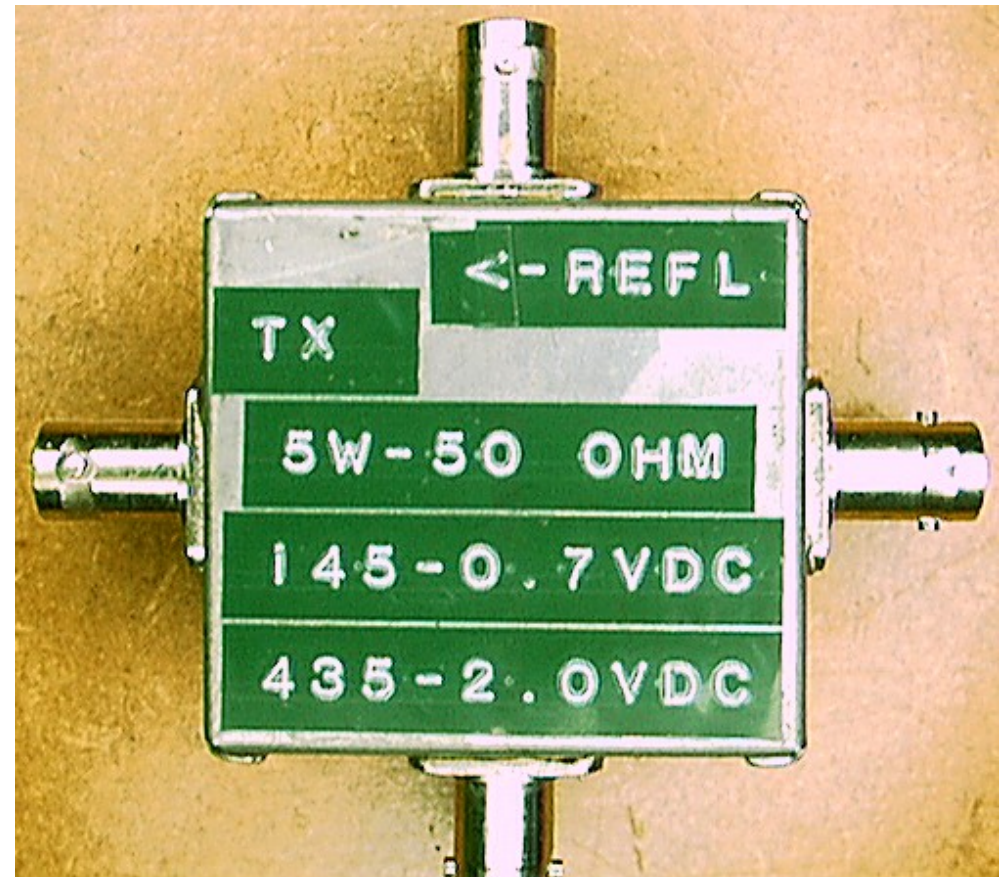
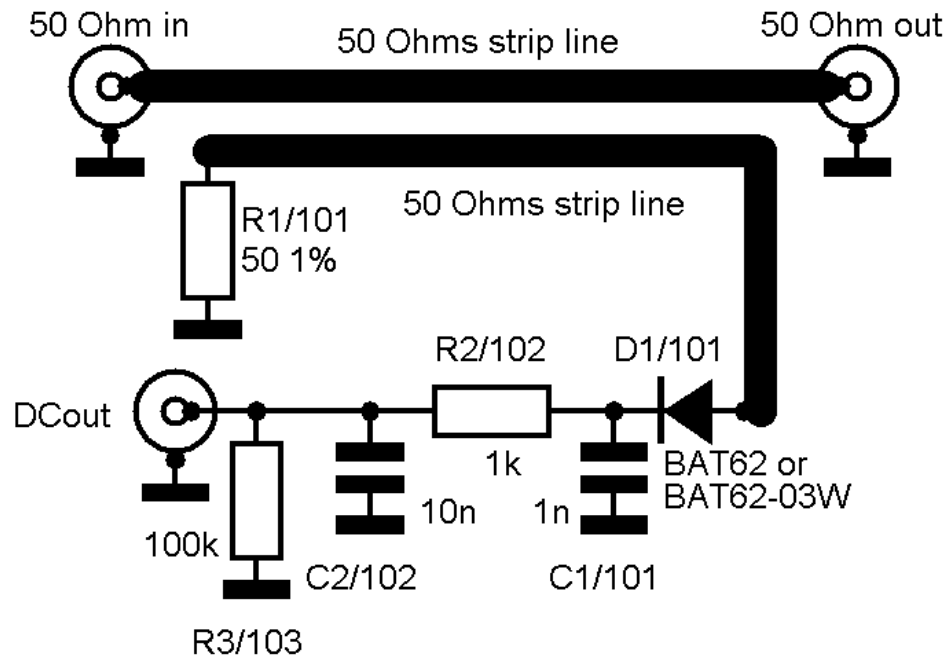
PCB : 20.--. 10 pieces ? Ask price.

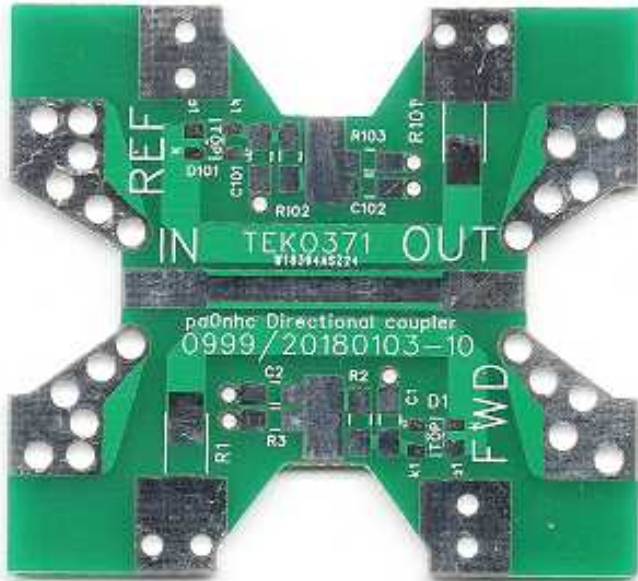


50 ohm directional stripline couplers. 29 to 435 MHz. 3x DC output / 3x HF output.

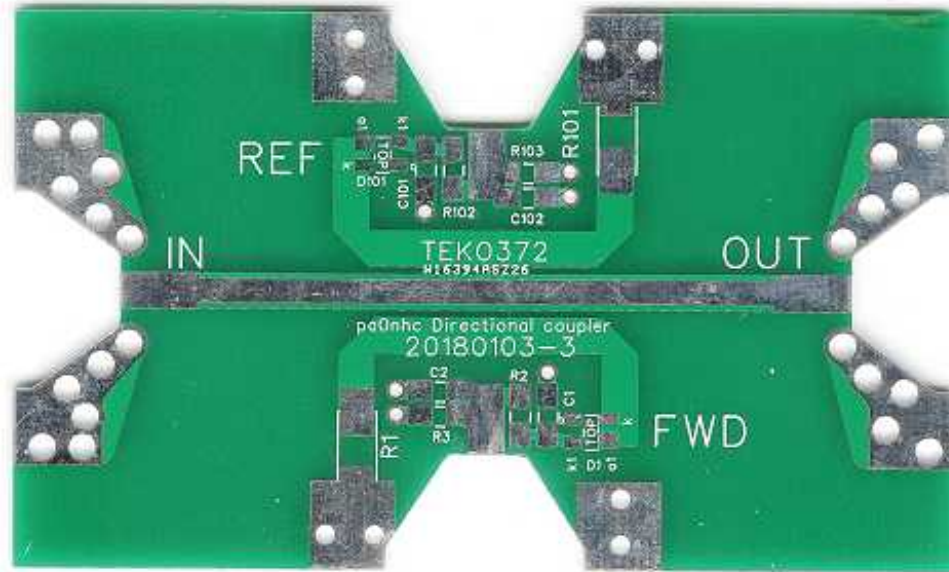
See next page for available types.

Coupling attenuation : abt. 31dB @ 145M MHz Through line impedance : 50 ohm.
RF output impedances : 50 ohm.. DC output resistance : 100 k. Directivity : typical 25 to 30dB @ 145 MHz.
RF output abt. 1V_{eff} for input : 750W @ 29 MHz, 30W @ 145 MHz, 10W @ 435 MHz (6 dB / octave).
One PCB : 12.50 Euro. Every PCB more : 5 Euro extra.

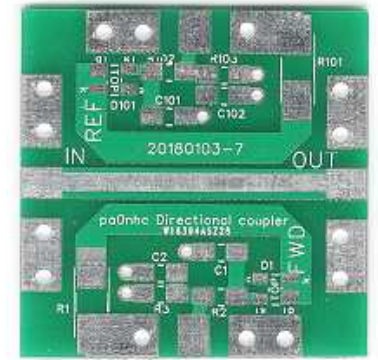




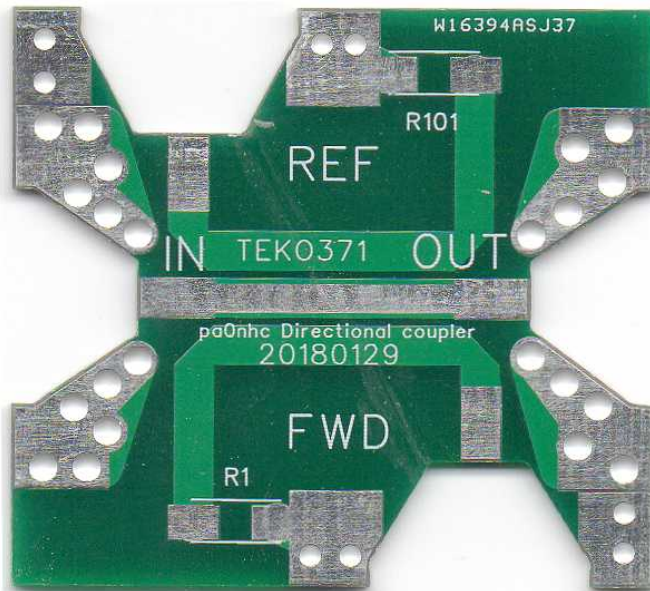
DC371



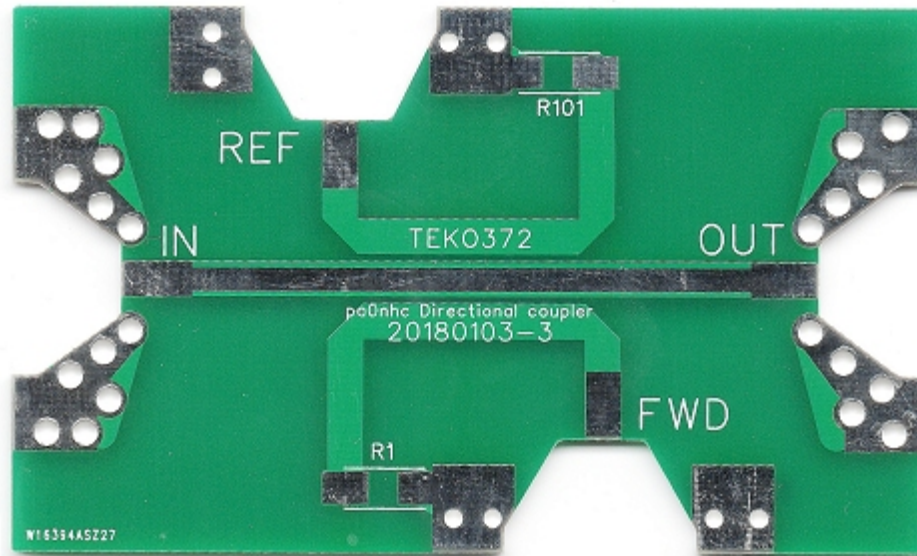
DC372



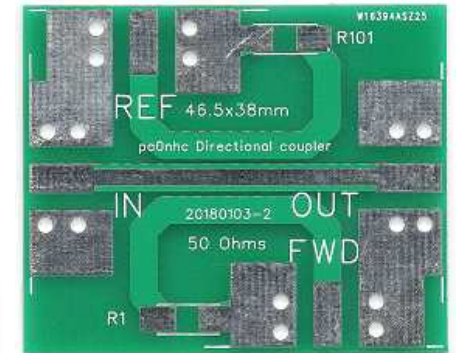
DC coax



RF371



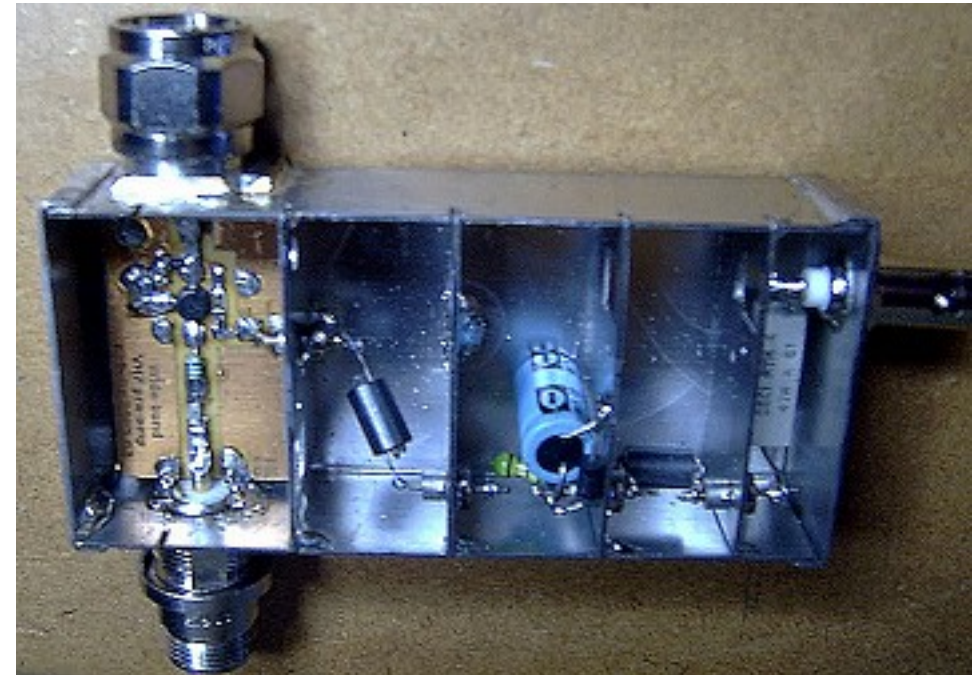
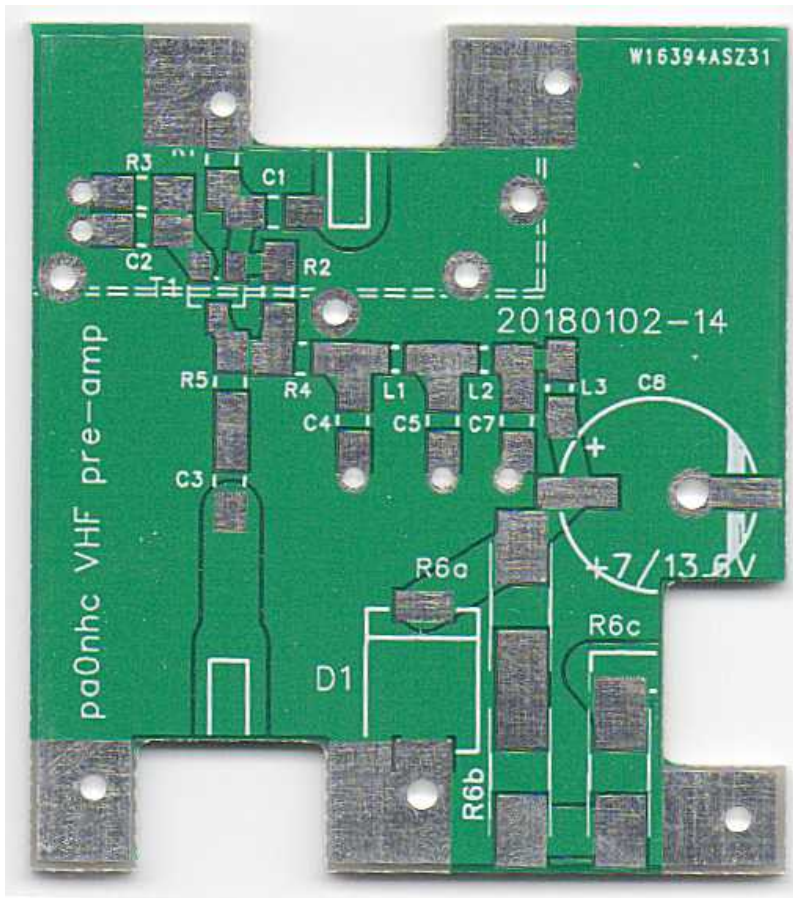
RF372



RF coax

Preamp 28 – 440 MHz.

Low noise, Hi-IP, sturdy. PCB : 12.50 Euro



Protototype

RF low power meter. Measures really **RMS** values.

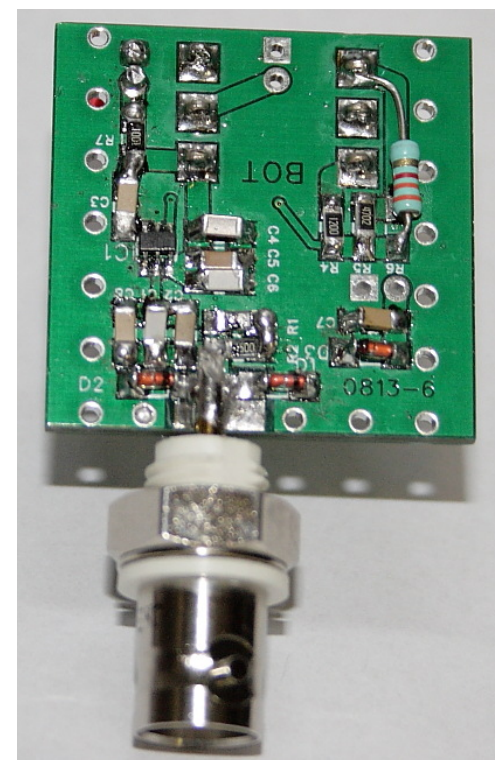
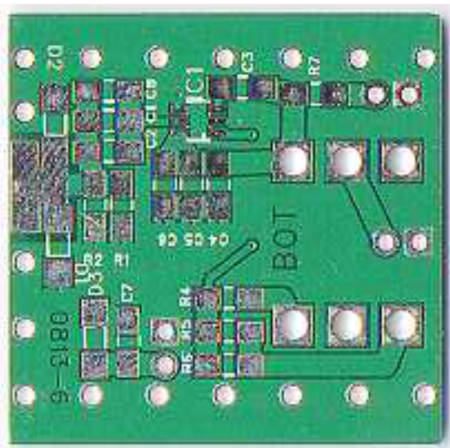
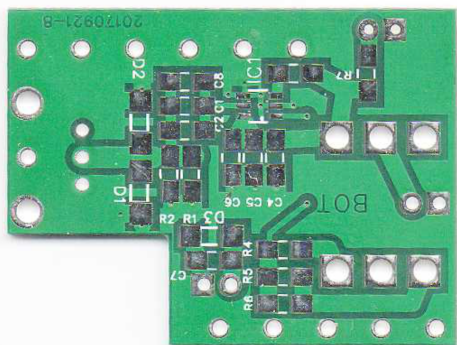
Range : -35 dBm to +6 dBm.

Reasonably accurate from 32 kHz to 800 MHz (max. 2,8 GHz).

Internal 50 ohm load and overvoltage protection. Power : 4 to 5V battery, max. 8mA..

Immediately useable values without the need to calabrate

Set of two different versions PCB's : 16 Euro.



RF power meter.

Measures really **RMS** values.

Range : 20 mW tot 200 W. 32 kHz tot 146 MHz (max. 2,8 GHz).

Through-line impedance : 50 ohms. **External 50 ohm load.** Overvoltage protection

Power : 4 to 5V battery max. 8mA..

Immediately useable values *without the need to calabrate*

PCB prijs : 16 Euro.

