Radioddity LPMX2 User Manual

Specifications

Frequency range: 20M (LPMX2-1), 40M (LPMX2-2)
Input Power: 70W CW, 100W SSB
Filter Structure: elliptic filter
Filter order: 5th order
Harmonic suppression: >30dB
Weight: 25g

Warning

1. PAX100 is supplied with a built-in 10-15M filter. You may transmit on the lower bands, but there will be no Low-Pass filtering effect.

2. LPMX2-1: Designed for: 20M. You may transmit on lower bands, but with no Low-Pass filtering effect. **Do not transmit on:** 10M/15M (may cause damage to the radio)

3. LPMX2-2: Designed for: 40M. You may transmit on lower bands but with no Low-Pass filter filtering. **Do not transmit on:** 10M/15M/20M (may cause damage to the radio)

Connecting Guidance

1. Use good soldering technique to remove old filter. (Solder-sucker, Solder-wick etc.)
2. Install a new filter according to the traces on the circuit board. It is an exact fit.
3. After the soldering is completed, closely inspect for any shorts or cold solder joints.
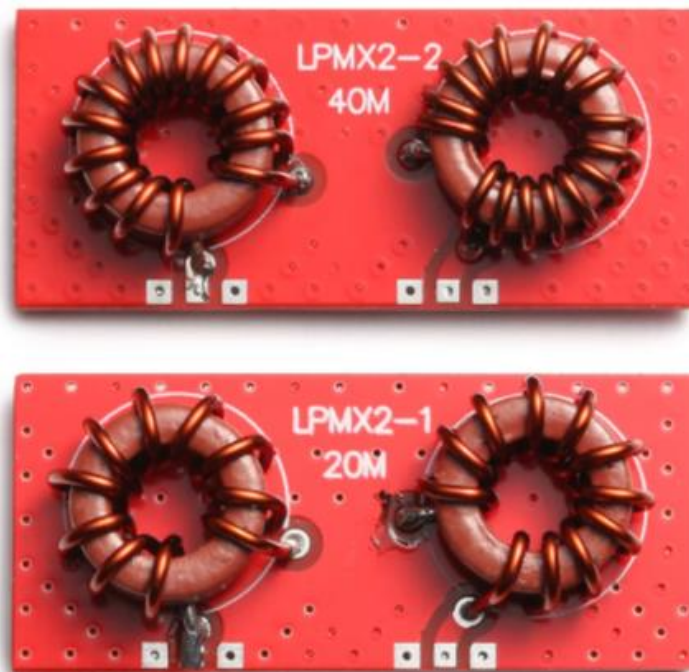
Image 1：Installation Complete

Image 2：Replaceable filter pad area on PAX100

Each in/out connection has three pads. The middle is the signal and the two sides are ground.

Image 3：Pads on LPMX2

The circuit board traces exactly line up with the correct connection points on the filter.