



Before starting the tuning procedure please connect the termination to the correct connector (circulators only), it would be better to mount the circulator / isolator in the final place and use the definitive termination (where needed) before tuning it.

- 1) Connect an RF generator to the output port and a spectrum analyser to the input port, adjust the **A** trimmer to set the maximum isolation at the desired frequency.
- 2) Connect an RF generator to the input port and a spectrum analyser to the output port, adjust the trimmers **B** and **C** to set the minimum insertion loss at the desired frequency.
- 3) Connect a reflection bridge or a directional coupler to the input port and a termination to the output port, adjust the trimmer **C** to set the minimum return loss (VSWR) at the desired frequency.

Repeat steps 1, 2 and 3 to optimize the device.

**WARNING: we remind you that all circulators / isolators produce strong magnetic fields, so they are influenced by metal objects containing iron or nickel within about 10 mm.**