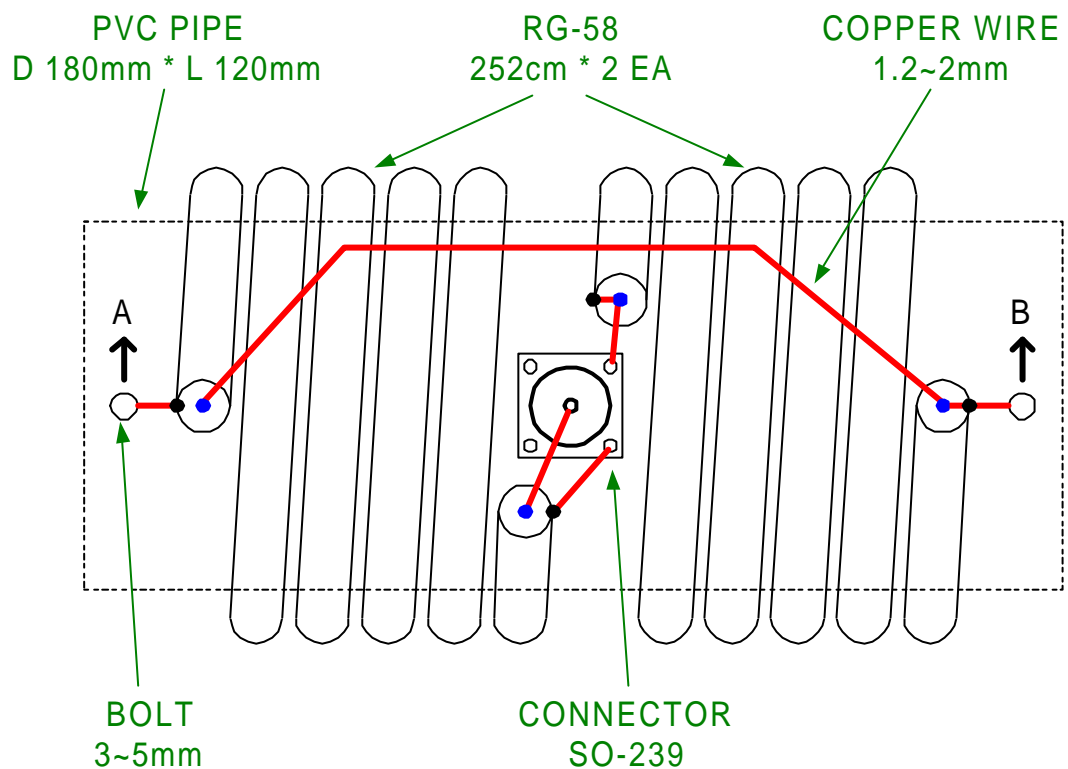


Simple 1:1 Coaxial Balun for HF Band

Designed by HLIWIM

1. Configuration Diagram



2. Description

- Bobbin : PVC Pipe (Outside Diameter 180mm, Length 120mm)
- Cable : RG-58 Coaxial Cable (Length 252cm, 2 EA)
- Connector : SO-239
- Terminal : Copper or Stainless Bolt (3~5mm)
- Wire : 1.2~2mm Copper Wire

This Balun is close wound about total 9 turns of RG-58 cable on outside diameter 180mm length 120mm PVC water pipe. All wires are wired inside of pipe.

A-B points are balanced load terminals(antenna terminals).

The range over which the Balun provides good isolation is approximately 6 to 30 MHz.