MFJ-911H 1:1/4:1 CURRENT BALUN/UNUN
1.8-30 MHz

INTRODUCTION

The **MFJ-911H** is a true 1:1 or 4:1 current balun/unun designed for indoor use. It uses large low-permeability ferrite cores to transform 200 or 50 ohm balanced or unbalanced loads to 50 ohms. It is rated at 300 watts with relatively flat response from 1.8 to 30 MHz. Its SO-239 coax connector makes it easy to connect a coax cable. Two-way binding posts with standard spacing are provided for convenient hookup. A slide switch allows switching between 1:1 and 4:1 transformations.

A current balun can reduce or eliminate stray RF often found on coax. This stray RF can cause burns and other problems with electronic equipment while reducing antenna radiation. Installation of an **MFJ-911H** balun can increase the efficiency of any amateur station.

WARNING
High voltage can be present at the binding posts of this unit. Install it where these posts cannot be inadvertently touched.

INSTALLATION

1. The **MFJ-911H** is intended for applications protected from the elements – ***out of the weather***.
2. For use as a balun (balanced load to unbalanced) connect the balanced feed line to the red binding posts and the coaxial cable to the SO-239 coax connector.
3. For use as a unun (unbalanced load to unbalanced), install a jumper as indicated on the unit. Connect the unbalanced feedline to the binding posts, **ensuring that the center conductor is connected to the binding post that is *not* grounded and the shield is connected to the grounded binding post.**

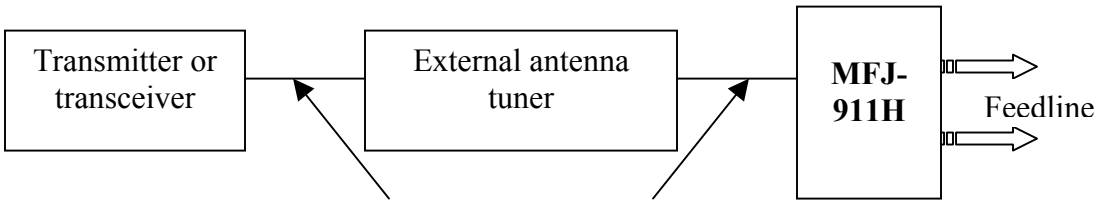

Figure 1:
Block Diagram