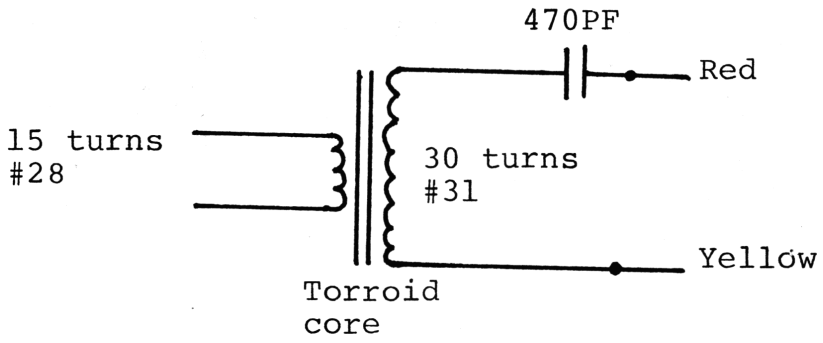
HOW TO BUILD A BALUN COIL

A balun coil is a very useful device when hooking up frequency counters, VFO's, injecting frequencies with a signal generator in place of crystals, and many other numerous uses. Below is a diagram of one very easy to build with easily obtainable parts. This balun is built on a 7-30 Mhz. torroid core with an inside diameter of .2 inches and an outside diameter of .4 inches. The core thickness is .125 inches. Following is a complete list of materials that you will need to build your own.

#28 and # 31 enamelled magnet wire
torroid core, as above (Miller #F-37-1)
470pf ceramic disc capacitor
#22 Red and Yellow wire

This design has a step-up ratio of 2:1. After you are finished winding the coil, cover with heatshrink for a professional looking, highly useful accessory.



HOW TO HOOK UP CORRECTLY