

DRAKE B-1000 BALUN

Instruction Sheet

General Description:

The B-1000 Balun is a precision engineered, bifilar wound, toriod, matching transformer designed primarily for use with Drake antenna matching networks. A 4:1 impedance ratio between antenna and matching network is provided by the B-1000, extending the effective tuning range of most matching networks. The B-1000 can be operated at continuous power levels up to 1000 watts, insuring maximum transfer of power and minimum reflection under most conditions. The B-1000 is intended for use in indoor installations.

Installation:

Drake antenna matching networks of recent design have provisions on the rear panel for mounting the B-1000 Balun to the unit. Installation details for these units can be found in Chapter III of the instruction manual in the paragraph entitled "Use of the Drake B-1000 Accessory Balun".

Drake antenna matching networks of traditional design, such as the Drake MN-4 or MN-2000, will accept the B-1000 as an out-board accessory. By following the appropriate installation diagram (shown below) it is possible to install the B-1000 Balun into either open wire feeder systems or systems utilizing long wire antennas.

