

MFJ-1770A Folded Dipole Antenna

Description: The MFJ-1770A is a light-weight 10-meter folded dipole that features a built-in 300-to-50 ohm matching network. No tuner is required--connect directly to your transceiver, or connect to any length of 50-ohm coax to extend the feedline. The antenna and its matching circuit are tuned to provide best performance and minimum VSWR in the most active SSB and CW portions of the 10-meter band. The MFJ-1770A handles up to 150 watts of power.

Installation: Use non-conductive tie-lines to support your MFJ-1770A (nylon is recommended). Install lines through the end holes in the dipole's twinlead, as shown below in Figure-A. For best DX performance, position the radiating portion of the antenna high and in the clear, broadside to your favored direction of transmission. Allow antenna high and in the clear, broadside to your favored direction of transmission. Allow the feedline to drop directly beneath the center--keeping the 300-ohm ribbon off the ground and at least 2"-3" for large metallic surfaces. If required, add additional light-weight 50-ohm coax (RG-58 or RG-8X) to the RG-58 pig-tail. To make a simple balun, coil 5 turns of coax into a 6" loop at the 300-50 transition and tape in place (see Figure-B). This will eliminate unwanted radiation or noise pick-up from the unbalanced portion of the feedline. Waterproof all exposed connectors to lock out moisture.

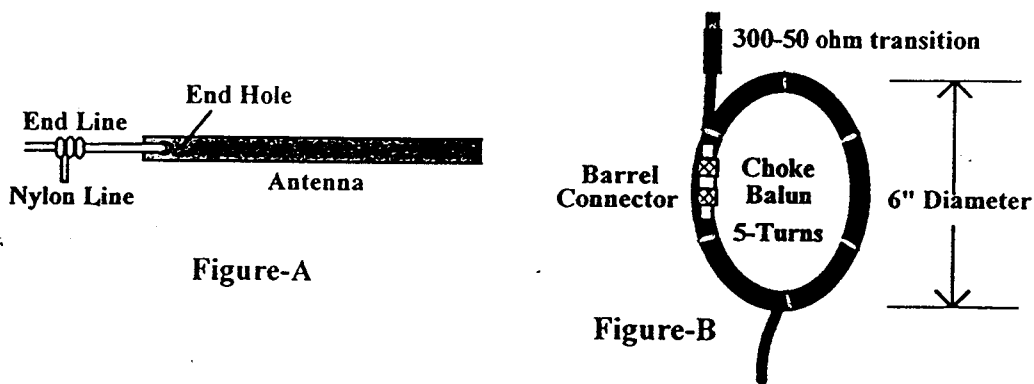
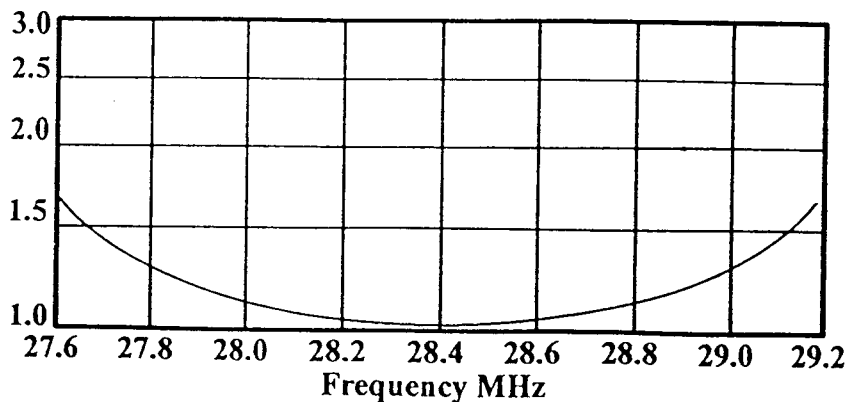


Figure-A

Figure-B

MFJ-1770A VSWR



Important Warning: Never construct or erect amateur radio antennas in locations where they could fall onto electrical power lines or entrance cables. Accidental contact could result in severe injury or death.

FULL 12-MONTH WARRANTY

MFJ Enterprises, Inc. warrants to the original owner of this product, if manufactured by MFJ Enterprises, Inc. and purchased from an authorized dealer or directly from MFJ Enterprises, Inc. to be free from defects in material and workmanship for a period of 12 months from date of purchase provided the following terms of this warranty are satisfied.

1. The purchaser must retain the dated proof-of-purchase (bill of sale, canceled check, credit card or money order receipt, etc.) describing the product to establish the validity of the warranty claim and submit the original or machine reproduction of such proof of purchase to MFJ Enterprises, Inc. at the time of warranty service. MFJ Enterprises, Inc. shall have the discretion to deny warranty without dated proof-of-purchase. Any evidence of alteration, erasure, or forgery shall be cause to void any and all warranty terms immediately.
2. MFJ Enterprises, Inc. agrees to repair or replace at MFJ's option without charge to the original owner any defective product provided the product is returned postage prepaid to MFJ Enterprises, Inc. with a personal check, cashiers check, or money order for **\$10.00** covering postage and handling.
3. MFJ Enterprises, Inc. will supply replacement parts free of charge for any MFJ product under warranty upon request. A dated proof of purchase and a **\$8.00** personal check, cashiers check, or money order must be provided to cover postage and handling.
4. This warranty is **NOT** void for owners who attempt to repair defective units. Technical consultation is available by calling (662) 323-5869.
5. This warranty does not apply to kits sold by or manufactured by MFJ Enterprises, Inc.
6. Wired and tested PC board products are covered by this warranty provided **only the wired and tested PC board product is returned**. Wired and tested PC boards installed in the owner's cabinet or connected to switches, jacks, or cables, etc. sent to MFJ Enterprises, Inc. will be returned at the owner's expense un-repaired.
7. Under no circumstances is MFJ Enterprises, Inc. liable for consequential damages to person or property by the use of any MFJ products.
8. **Out-of-Warranty Service:** MFJ Enterprises, Inc. will repair any out-of-warranty product provided the unit is shipped prepaid. All repaired units will be shipped COD to the owner. Repair charges will be added to the COD fee unless other arrangements are made.
9. This warranty is given in lieu of any other warranty expressed or implied.
10. MFJ Enterprises, Inc. reserves the right to make changes or improvements in design or manufacture without incurring any obligation to install such changes upon any of the products previously manufactured.
11. All MFJ products to be serviced in-warranty or out-of-warranty should be addressed to **MFJ Enterprises, Inc., 300 Industrial Park Rd, Starkville, Mississippi 39759, USA** and must be accompanied by a letter describing the problem in detail along with a copy of your dated proof-of-purchase and a telephone number.
12. This warranty gives you specific rights, and you may also have other rights, which vary from state to state.