

Be Ready for Emergencies - It's Ham Radio at its finest .

We have just about everything you need to get your messages through when it counts!



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You'll need a good supply of adaptors so that you can make use of whatever antenna possibilities present themselves



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Assorted Coax & Jumpers

My emergency kit includes two 100-foot RG-8X cables with PL-259 connectors. I also have several 6-foot and one 22-foot jumper. Include several PL-258 barrel connectors to hook all this cable in series if needed.

Assemble your emergency communications kit today.



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You might need to have an RFI Kit just in case you become part of an operation using computers. Get the kit with the T-4-500. It's very compact.

The suggestions on this page are only the beginning. There is much more to consider. If there's a need, will you be able to get on the air? When hurricane Isabel hit my back yard (we were ground zero), I was glad that I had the resources to make it through a very dangerous situation. In many ways, I was lucky. I didn't have any trees fall on my house, but we were without electricity for two weeks. Fortunately, I had a good generator (a 3 kW Honda) that ran continuously for the entire two weeks. We used it to power up the computer, phone system and a few lights to keep the RADIO WORKS office up and running during the time it took to restore power. The same generator powered my travel trailer which was home during the 14 day blackout. I didn't need to put a ham station on the air for emergency purposes during this time, but I could have. I had an FT-100D connected to 65AH gel-cell battery and I used it to monitor the local repeaters and some HF nets. With three 65 AH batteries, I could have stayed on the air for a long time even if the generator had failed. But, it didn't, so we had most of the comforts of home. If needed, I could have been on the air immediately following the hurricane with this 160 m to 440 MHz portable setup. All of the antennas, power supplies, accessories, were ready to go in a moments notice. Everything on this page was in my emergency kit.



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A Weatherproofing Kit is essential. You've got to keep your station on the air during the most severe weather.

146 or 440 MHz Metz

Ground independent 1/2 wavelength vertical. Mounted near the top of our fiberglass mast, and you'll have extended communications range on VHF or UHF. These antennas can also be supported by rope in a tree for even greater range.



Obviously, a wide range manual tuner is a good idea. Even under the worst conditions, you can load up a length of wire. Always have some flexible antenna wire, insulators, and coax to make up a quick antenna. Better, yet pre-assemble a couple of foolproof antennas.



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If you're lucky, there will be a couple trees still standing. Keep the EZ-Launch in your emergency kit, or at least have something you can throw into a tree or other useful support.

MicroDipole™

MicroDipoles™ are only 16' long and can be supported on our 33' fiberglass masts. You can't go all the way to the top, but the 33' mast will support the MicroDipole at a useful height. Just choose the whips for the band you need. Change the whips and you change the band. Bandwidth is narrow on 80 and 40 meters, but on the higher bands, most or all of the band is covered. The antennas have to be modified slightly for CW operation.

Our 33' telescopic mast weighs only 3.3 pounds and is only 3.8' long when nestled. These masts are very thin at the top, but they will support a very light weight dipole or a wire vertical. When not fully extended, you can mount heavier antennas, like our MicroDipole or a Metz VHF or UHF antenna. It's a must for any emergency.



The ultimate emergency antenna system is our CAROLINA WINDOM 80 or 40 in the "LP" version. You'll need a tuner, but you'll have a signal that will reliable even when other signals fade.

Kevlar Line

I'll have a couple of rolls of Kevlar line in my emergency radio kit. It's useful for many things besides supporting antennas and masts. The 200-foot spools are small and inexpensive.



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Telescopic Mast Kevlar Line support line

Do you have all the power cables you'll need? Will everything connect to everything else? Can you run off of several different power sources? Plan ahead.

There is no substitute for readiness

Very Important - Check everything out in advance. Put your gear on the air.

Automatic Tuners



MFJ-991 \$199.95



MFJ-993 \$229.95

This description features the MFJ-993 tuner only. I suggest that you select only the MFJ-993 over the MFJ-991 due to its impressive array of features and only slightly higher price.

Tunes balanced or unbalanced antennas. The highly efficient switching L-network covers 1.8 - 30 MHz and will match loads from 6 - 1600 ohms. Features a cross-needle meter, aural SWR meter, backlit LCD display, a port for an accessory remote control, a radio interface port, and heavy-duty 16 amp/1kV relays. Power rating is 300 watts SSB and 150 CW.

IntelliTuners™ learn and remember. When you transmit, the tuner automatically adjusts for minimum SWR and then remembers the frequency and setting. The next time you are on or near that frequency, the remembered setting are selected and you're quickly tuned for lowest SWR.

The LCD readout alone is worth the difference in price. It displays numerics or bargraph readings for SWR, forward and reflected power plus many other antenna parameters. Plus, you still have the cross-needle meter.

There are far too many features to list here. Suffice it to say that this is a very feature-rich automatic tuner.

I have used this tuner, and it will tune any of the RADIO WORKS' antenna. I highly recommend this tuner.

Balanced Tuners



MFJ-974H \$179.95

Fully balanced tuner. 1.8 - 54 MHz, 300 watts SSB and 150 watts CW. 3" cross-needle meter reads SWR, peak or average reflected power. 7.5"H x 6"W x 8"D.



MFJ-976 \$459.95

1500 watt SSB/CW, fully-balanced tuner. 12 - 2000-ohm matching range. Will also feed random wire and coax-fed antennas. 12" x 6" x 5.75"

Portable/Home High Efficiency Loop Tuners



MFJ-935 \$179.95

Perfect for apartments, restricted areas, and portable/emergency use. Drape a wire around a bookcase, around a wall, etc. and attach both ends to this tuner. This tuner instantly turns your wire into a multiband transmitting loop antenna. It works on 7-30 MHz and will handle 150 watts. No ground, radials, or counterpoise is needed. A 10' loop works 20-15m, a 5' loop works 17-10m, and a 24' loop works 30-40m. The exact frequency range covered depends on the loop length, shape and environment. Built-in RF current meter for tuning. 7.25W x 4.25H x 7.5D.



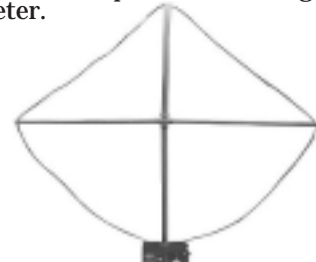
MFJ-17758 \$75

Overall length is 85' and covers 80 & 40 meters. (Antennas like this are usually quite narrow band, so you'll probably need a tuner - Jim) Uses band isolating coils for switching and loading. Feed with coaxial cable. The use of a Line Isolator is highly recommended. Order a T-4 and a UHF double-male adaptor.



MFJ-936 \$229.95

Exactly the same as the MFJ-935 at left but for home stations. It has more efficient air wound inductor, heavier components and larger meter.



MFJ-57 \$29.95 (pictured)

PVC Cross for mounting loop on cover. Insulated 10-gauge wire covers 20-15m.

MFJ-58 \$47.95

Has MFJ-57 above, 30/40m loop/wire clips, 17-10m loop.

Prices and specifications are subject to change without notice.