

AB4BJ Portable HF Antenna Setup for 20, 40 and 17 meters

Parts List:

From DX Engineering Web Site

2 X HSR-QD-2 - Mast Coupler, Quick Disconnect, for Mobile Antennas, 3/8-24 in. Male Threads, 3/8-24 in. Female Threads

4 X DXE-5MTCF-1 - Mast Coupler, 3/8-24 in. Male Threads, Hex Center, 1.810 in. Overall Height

1 X DXE-MT-72 - Antenna Mast, Mobile, Heavy-Duty, 3/8-24 Internally Threaded Ends, 0.5 in. Diameter, 72 in. Length

1 X HSR-VP-1 - Hustler Tri-Band Resonator Adapter for HF Mobile Antennas, fits Hustler 3/8 x 24 Stud Masts

1 X HSR-RM-40S - Resonator, Super, 1,000 watts PEP, 40 meters Band, Whip, 3/32 in. Allen Key

1 X HSR-RM-20S - Resonator, Super, 1,000 watts PEP, 20 meters Band, Whip, 3/32 in. Allen Key

1 X HSR-RM-17 - Resonator, Standard, 400 watts PEP, 17 meters Band, Whip, 3/32 in. Allen Key

Not from DX Engineering Web Site

Tri-Foot heavy duty Mag Mount with 3/8 thread (purchased from Tower Electronics at Dalton Hamfest)

Assembly:

1. The mag mount came with coax assembly that had to be mounted into the center hole of the tri-foot mag mount base. Make sure the antenna mount is a 3/8-24 female thread.
2. Connect the three Hustler resonators to the HSR-VP-1 tri-band resonator adapter with supplied hardware.
3. Attach a HSR-QD-2 quick disconnect to each end of the DXE-MT-72 mast. You may need the DXE-5MTCF-1 threads for these and other connections. The goal is to be able to quickly connect and disconnect the top section of three resonators from the mast and the mast from the mag mount assembly.
4. When completely assembled and ready to use, the top resonator assembly will be connected by HSR-QD-2 quick disconnect to the top of the mast and the bottom of the mast will be connected by HSR-QD-2 quick disconnect to the mag mount base.
5. When disconnected:
 - (a) One half of the top quick disconnect assembly will stay on the top resonator section and one half with the mast.
 - (b) One half of the bottom quick disconnect assembly will remain on the mast and the other on the mag mount assembly.