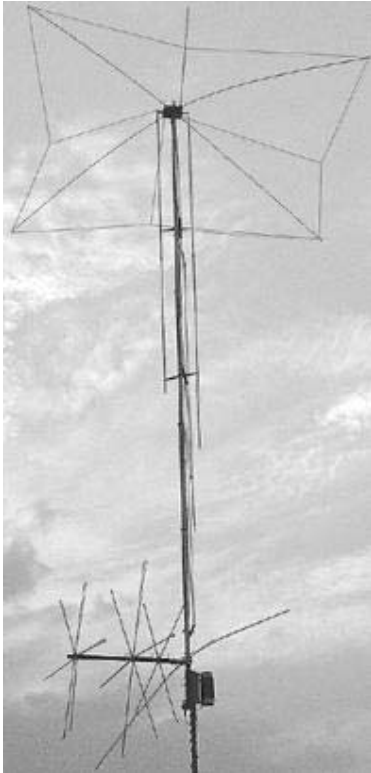


## MFJ-1798

### 80/40/30/20/17/15/12/10/6/2 Meters Vertical Antenna



Full size performance gives high efficiency for more power radiated. Results? Stronger signals and more Q-5 QSOs.

Full size performance also gives you exceptionally wide bandwidths so you can use more of you hard earned frequencies.

Full size performance is achieved using separate full size radiators for 2-20 Meters and highly efficient end loading for 30, 40, 75/80 Meters.

Get very low radiation angle for exciting DX, automatic bandswitching, omni-directional coverage, low SWR. Handles 1500 Watts PEP SSB.

MFJs unique Elevated Top Feed elevates the feedpoint all the way to the top of the antenna. It puts the maximum radiation point high up in the clear where it does the most good -- your signal gets out even if youre ground mounted.

Its easy to tune because adjusting one band has minimum effect on the resonant frequencies of other bands.

Self-supporting and just 20 feet tall, the MFJ-1798 mounts easily from ground level to tower top -- small lots, backyards, apartments, condos, roofs, tower mounts.

Separate full size quarter wave radiators are used on 20, 17, 15, 12, 10 and 2 meters. On 6 Meters, the 17 Meter radiator becomes a 3/4 wave radiator.

The active radiator works as a stub to decouple everything beyond it. In phase antenna current flows in all parallel radiators. This forms a very large equivalent radiator and gives you incredible bandwidths. Radiator stubs provide automatic bandswitching -- absolutely no loss due to loading coils or traps.

On 30,40, 75/80 Meters, end loading -- the most efficient form of loading -- gives you highly efficient performance, excellent bandwidth,

low angle radiation and automatic bandswitching. MFJs unique Frequency Adaptive L-Network provides automatic impedance matching for lowest SWR on these low bands. Tuning to your favorite part of these bands is simple and is done at the bottom of the antenna.

you dont need a ground or radials because an effective counterpoise thats 12 feet across gives you excellent ground isolation. You can mount it from ground level to roof top and get awesome performance. The feedline is decoupled and isolated from the antenna with MFJs exclusive AirCore high power current balun. Its wound with Teflon coax and cant saturate, no matter how high you power.

Incredibly strong solid fiberglass rod and large diameter 6061 T-6 aircraft strength aluminum tubing is in the main structure. Efficient high-Q coils are wound on tough low loss fiberglass forms using highly weather resistant Teflon covered wires