

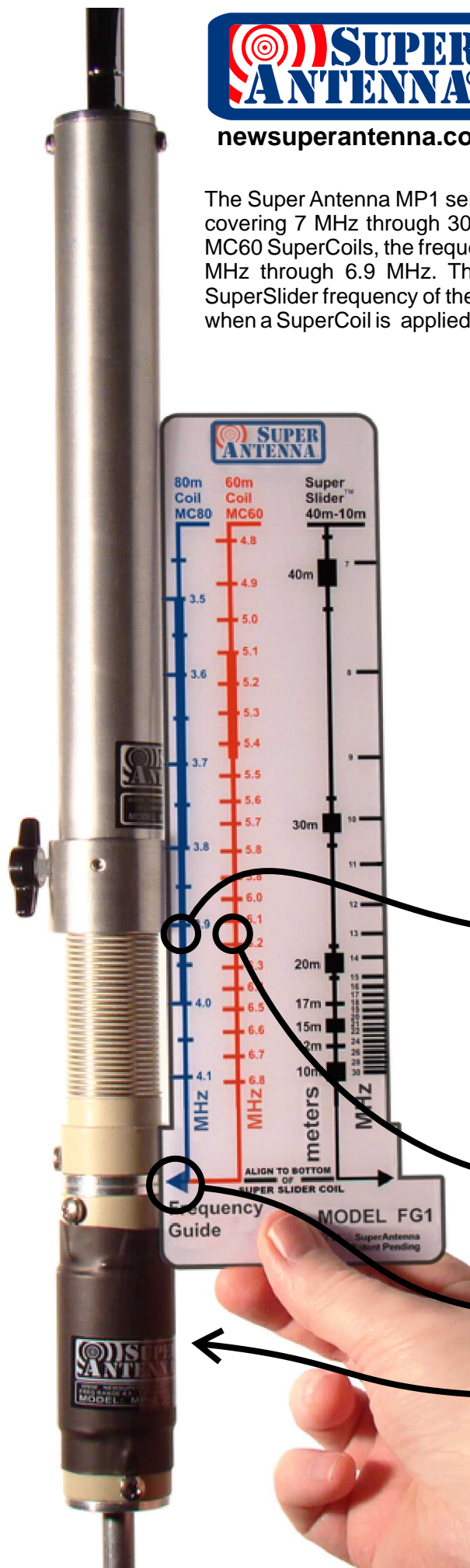


newsuperantenna.com

APPLICATION NOTE

Using Super Antenna MP1 on the 80, 75, and 60 meter Ham Bands or MARS/CAP

The Super Antenna MP1 series of antennas provides all-band HF operation covering 7 MHz through 30 MHz. With the addition of optional MC80 and MC60 SuperCoils, the frequency range is expanded to additionally cover 3.4 MHz through 6.9 MHz. This application note details how to adjust the SuperSlider frequency of the MP1 antenna using the FG1 Frequency Guide, when a SuperCoil is applied.



Model MC60 SuperCoil



Model MC80 SuperCoil

Operation on 80 or 75 meter bands:

- Screw in the MC80 coil between the extension rod and the SuperSlider coil.
- Attach the proper ground radial for this band to the mount. Use MR8060 SuperWire Radial Set or MR8075 SuperWire Radial Set (or use the MC80R set which includes MR8075 radial.)
- Adjust the SuperSlider coil sliding position to your desired frequency according to the FG1 blue color scale for 80 meters.

Operation on 60 meter band:

- Screw in the MC60 coil between the extension rod and the SuperSlider coil.
- Attach the proper ground radial for this band to the mount. Use MR8060 SuperWire Radial Set or MR6060 SuperWire Radial Set
- Adjust the SuperSlider coil sliding position to your desired frequency according to the FG1 red color scale for 60 meters.

Alignment:

- Match up the arrow mark on the FG1 Frequency Guide SWR Ruler with the metal ring at the bottom of the SuperSlider coil.

Note:

- Use either the MC80 or MC60, inserted below the SuperSlider. But, **NOT both MC80 and MC60 at the same time.**