



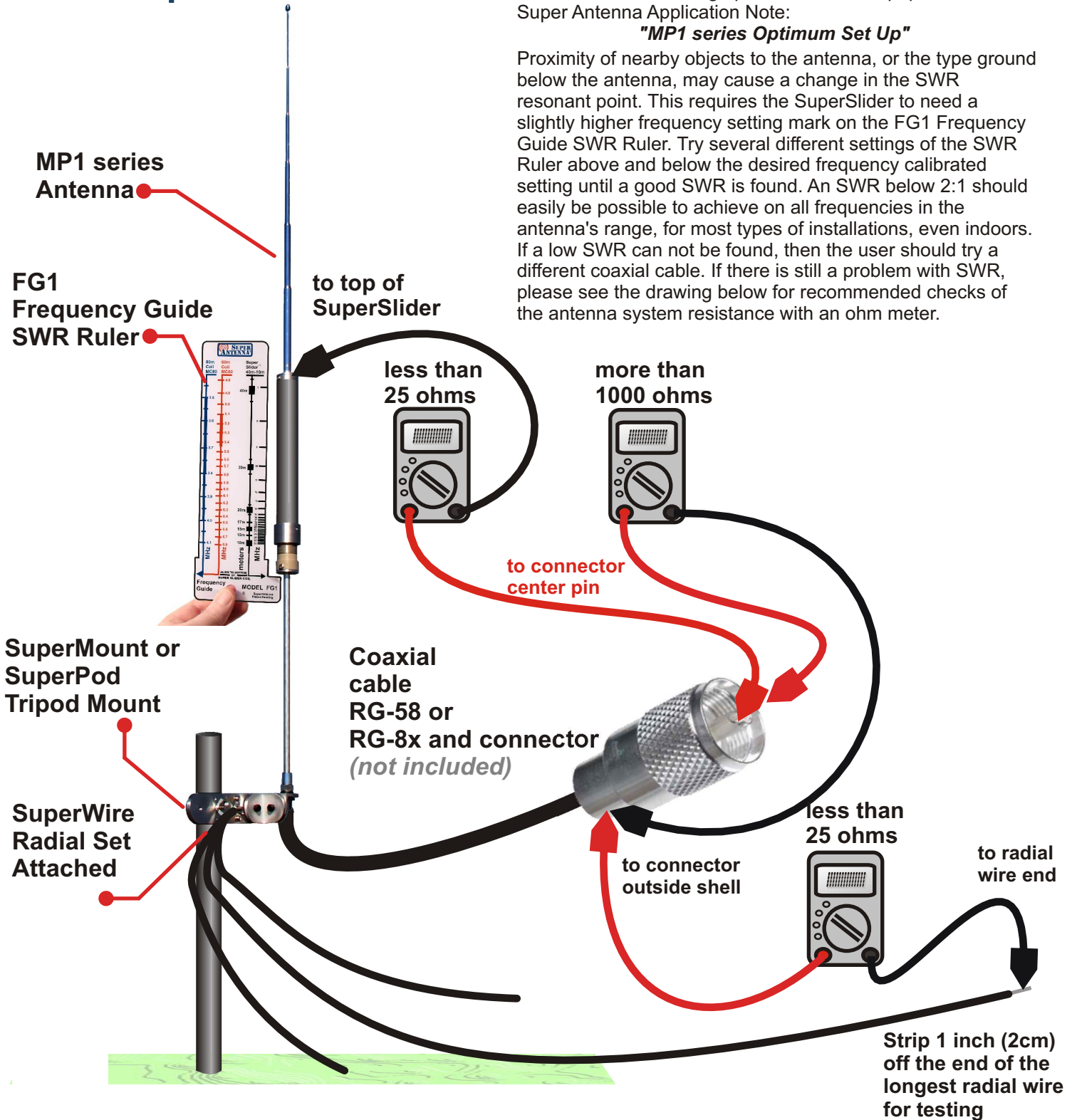
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APPLICATION NOTE MP1 Series Antenna System Troubleshooting

The MP1 series Super Antenna system is designed to operate as a portable, base, manpack, or mobile antenna. For a recommended high performance set up, please see the Super Antenna Application Note:

"MP1 series Optimum Set Up"

Proximity of nearby objects to the antenna, or the type ground below the antenna, may cause a change in the SWR resonant point. This requires the SuperSlider to need a slightly higher frequency setting mark on the FG1 Frequency Guide SWR Ruler. Try several different settings of the SWR Ruler above and below the desired frequency calibrated setting until a good SWR is found. An SWR below 2:1 should easily be possible to achieve on all frequencies in the antenna's range, for most types of installations, even indoors. If a low SWR can not be found, then the user should try a different coaxial cable. If there is still a problem with SWR, please see the drawing below for recommended checks of the antenna system resistance with an ohm meter.



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