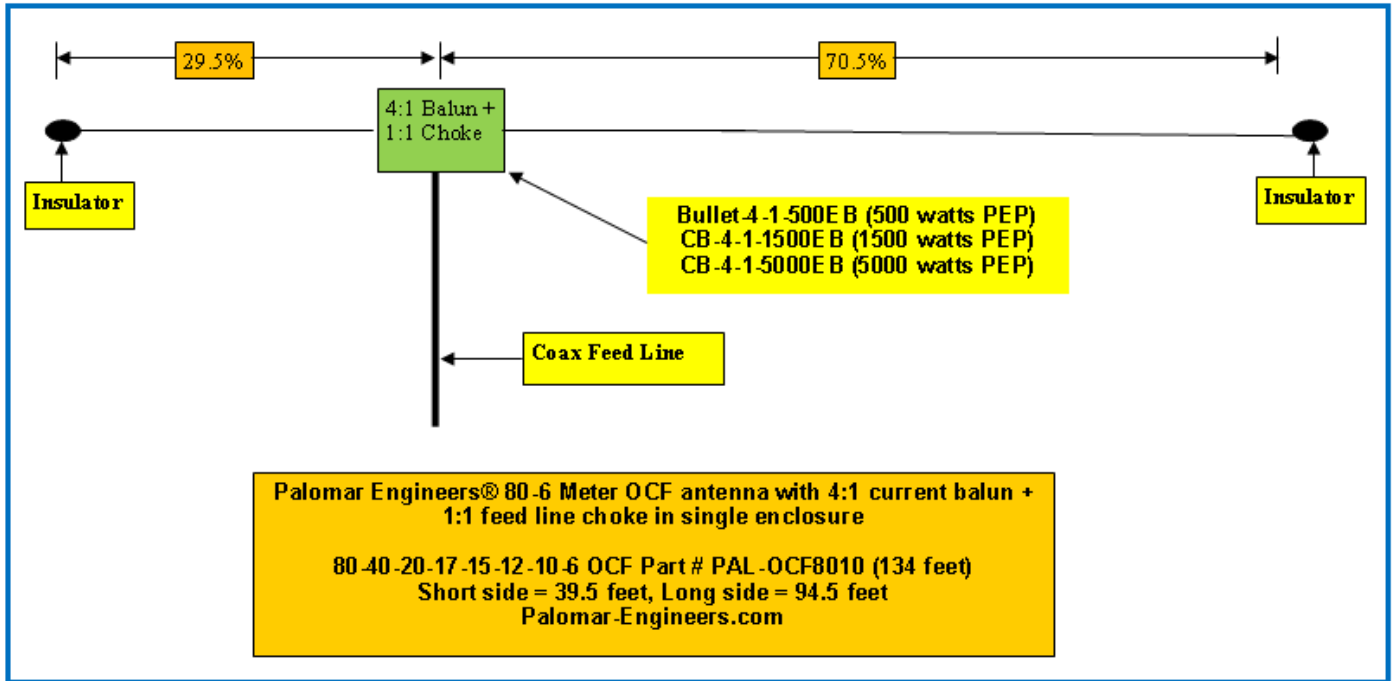


ANTENNA LAYOUT



OCF antennas are very convenient as they will allow multiple bands of operation with a simple wire antenna which is fed off center. Rather than feeding the conventional 33%/67% we like the 29.5%/70.5% feed point wherein the feed point is 29.5% from one end and fed with a 4:1 OCF Current balun with built in 1:1 feed line choke the short side is 39.5 feet and the long side is 94.5 feet.

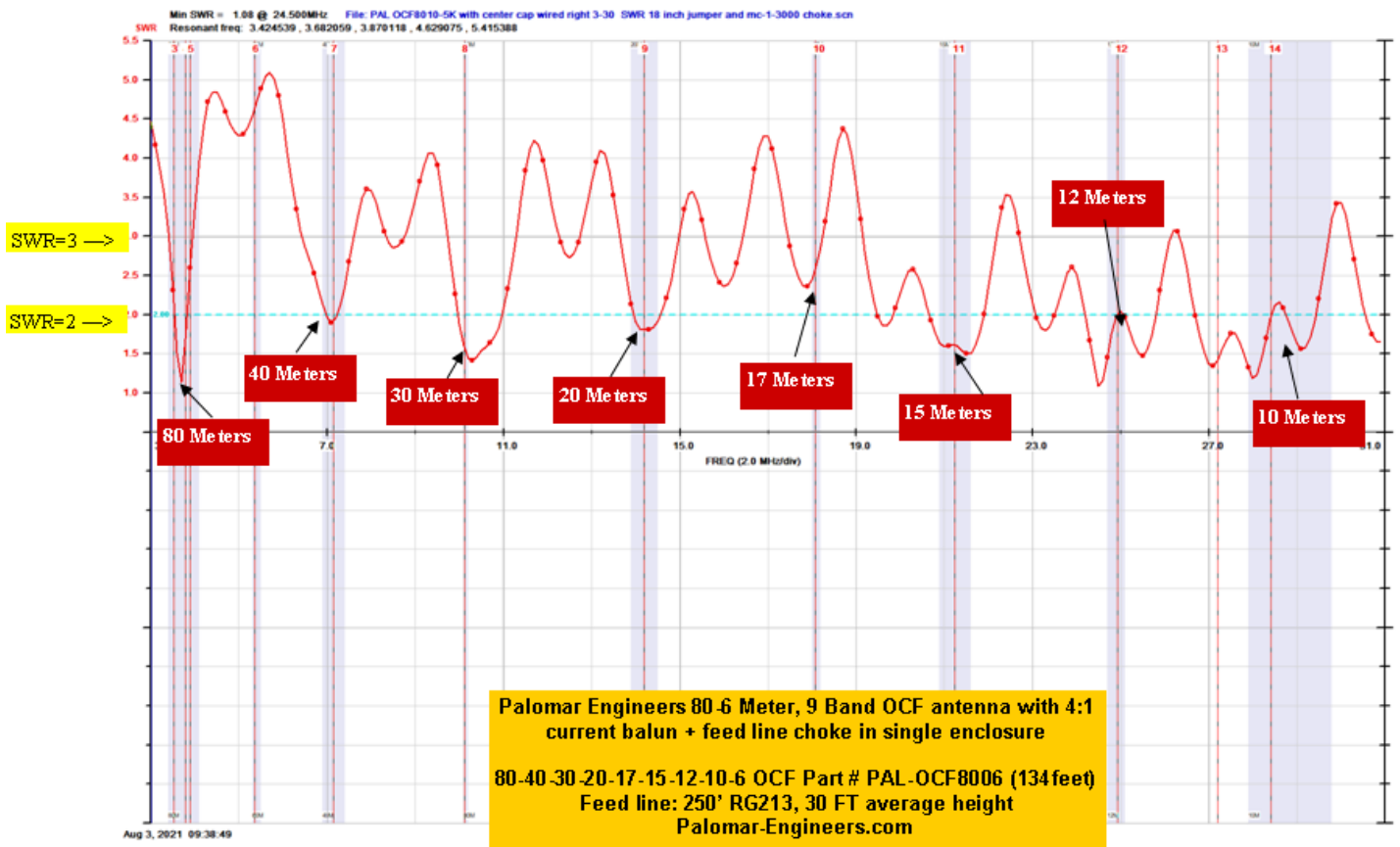
INSTALLATION

For best results support center at 30+ feet and ends over 15 feet. Angle of feed each side must be great than 45 degrees or 120 – 180 degrees total between each side preferred. Any length of 50 ohm feed line ok but longer feed lines over 50 feet may show reduced SWR on some bands due to losses in feed line and soil conductivity, nearby objects, etc. Due to local ground conditions, antenna height and feed line length, SWR may vary from samples shown and an antenna tuner may be required or some bands to bring SWR at end of feed line to acceptable levels. Use a good quality 52 ohm



cable adequate for the power level of your station. The PAL-OCF8010-1500 is rated for 1500 watts PEP at 50% duty cycle for RTTY, AM, or other continuous modes.

Typical SWR curves through 200 feet of RG-213 and 30 foot average height (Your curves may be different depending on terrains, ground conditions and surrounding object/antennas):



CAUTION - BEFORE YOUR START

WARNING: INSTALLATION OF THIS PRODUCT NEAR POWER LINES IS DANGEROUS. FOR YOUR SAFETY FOLLOW THE INSTALLATION INSTRUCTIONS.

WARNING: AT NO TIME DURING ASSEMBLY, INSTALLATION, ADJUSTMENT OR OPERATION SHOULD ANY PART OF THIS PRODUCT BE ALLOWED TO COME INTO CONTACT WITH ELECTRIC POWER LINES, NOR SHOULD THIS PRODUCT BE INSTALLED IN SUCH A WAY THAT ANY PART OF IT MAY CONTACT POWER LINES DURING NORMAL OPERATION OR IN THE EVENT OF STRUCTURAL FAILURE. FAILURE TO EXERCISE EXTREME CARE IN THIS MATTER CAN RESULT IN DAMAGE TO PROPERTY, PERSONAL INJURY, OR DEATH.

Check website for latest product announcements.