

STACKING MOONRAKERS----MODEL AV-140

Stacking MOONRAKERS can be done; however, AVANTI does not build a stacking kit. There are a few people using stacked MOONRAKERS successfully, but these people have built their own stacking supports.

The following is a list of guidelines to follow and the performance you can expect:

PERFORMANCE: Gain.....17.5 db over isotropic source
Front to back.....Approximately 40 db

ASSEMBLY: The antennas must be correctly phased as shown below. The gammas must be re-adjusted slightly to correct V.S.W.R. (Less than 1.5:1 is acceptable.) The phasing harness can be home-made or you can purchase one from AVANTI @\$25.00. The antennas should be about 24 feet apart - boom to boom. Also, the rotor must be a "Ham M" or the equivalent.

