











# AA7A 6 Meter EME Rope Yagi

Element	Length		Spacing
Director 8	98.52"		750"
Director 7	101.63"		675.93"
Director 6	99.57"		579.62"
Director 5	99.92"		482.09"
Director 4	100.43"		382.54"
Director 3	101.14"		284.65"
Director 2	103.14"		188.90"
Director 1	105.97"		103.41"
Driven Element	107"		55.62"
Reflector	115.45"		0"

All parasitic elements are 3/4" aluminum tube. My elements were constructed from 3/4" CATV hardline (the un-jacketed variety which uses a hardened aluminum outer shell). The driven element consists of 1 inch square thin-wall tube. The beta match uses 5/8" round tubing with a 2 1/8" separation distance between the matching rod and the driven element (not center-to-center but outside surface to outside surface). The beta match rods are 44" long, each. The shorting strap is located 25" from the feedpoint on both sides. The feedpoint is matched to 50 ohms using a 180 degree phasing line (See photos on web page for details).