

A simple, cheap and good HDTV antenna.

Any piece of wood, plastic, plexi etc. will work. Should be at least 22" X 3". Copper wire works fine. Contact points are bare, cross-over points should be insulated. I used coat hangers with paint stripped off contact points. You'll need 10 screws and washers to clamp down the wires (I used wide-head screws), and a television 75ohm:300ohm balun, the kind used on old TVs to connect outdoor antennas to the cable TV input. Each of the 8 elements of the antenna is 14" in length, folded into a "V" to give 16 each 7" elements with 3" spacing at open end. The balun is placed in the center as shown and fed with 75ohm coax to the HDTV coax input.

