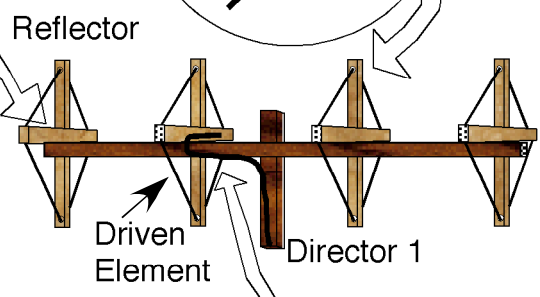
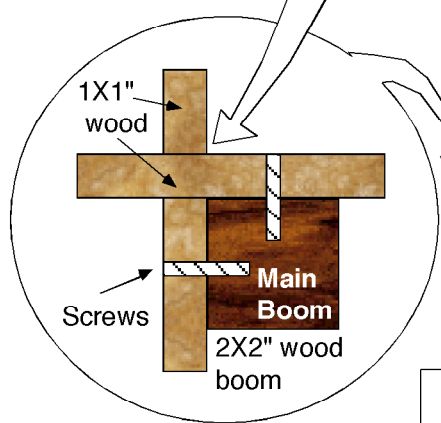
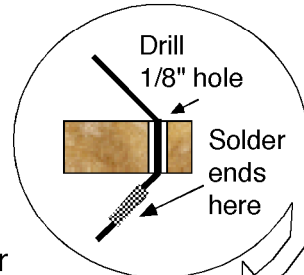
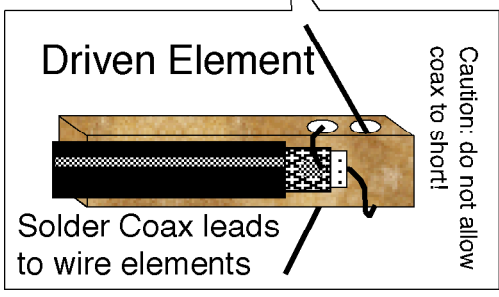
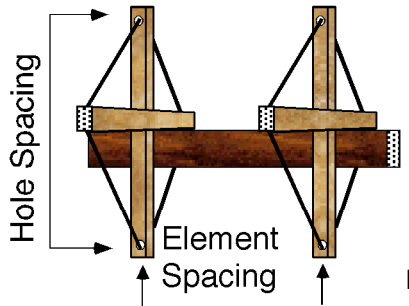


147 MHz 4 Element Quad

Best Method
 All radials are center notched to fit together at the center.



10 db gain less than 4 feet!



	Wire Length	Hole Spacing	Element Spacing
Reflector	86-1/8"	30-1/8"	20-1/4"
Driven Element	81"	28-5/16"	
Director 1	77-13/16"	27-1/4"	12-5/16"
Director 2	74"	25-7/8"	12-7/8"



Hints: After beam is assembled, find the balance point and drill holes for U bracket.

- Parts List**
- 1 - 2" X 2" X 48" wood
 - 8 - 1" X 1" X 36" wood
 - 1 - 2" U clamp with nuts and washers
 - 8 - 1.5" wood screws
 - 30 feet of 14 gauge wire
 - Coax cable

Horizontal or Vertical polarization is changed by feeding the driven element from side or bottom.
 Use side feed for Vertical polarization!
 The center conductor of the coax will travel around the driven element wire and short to the coax shield!! All Quads do this.

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