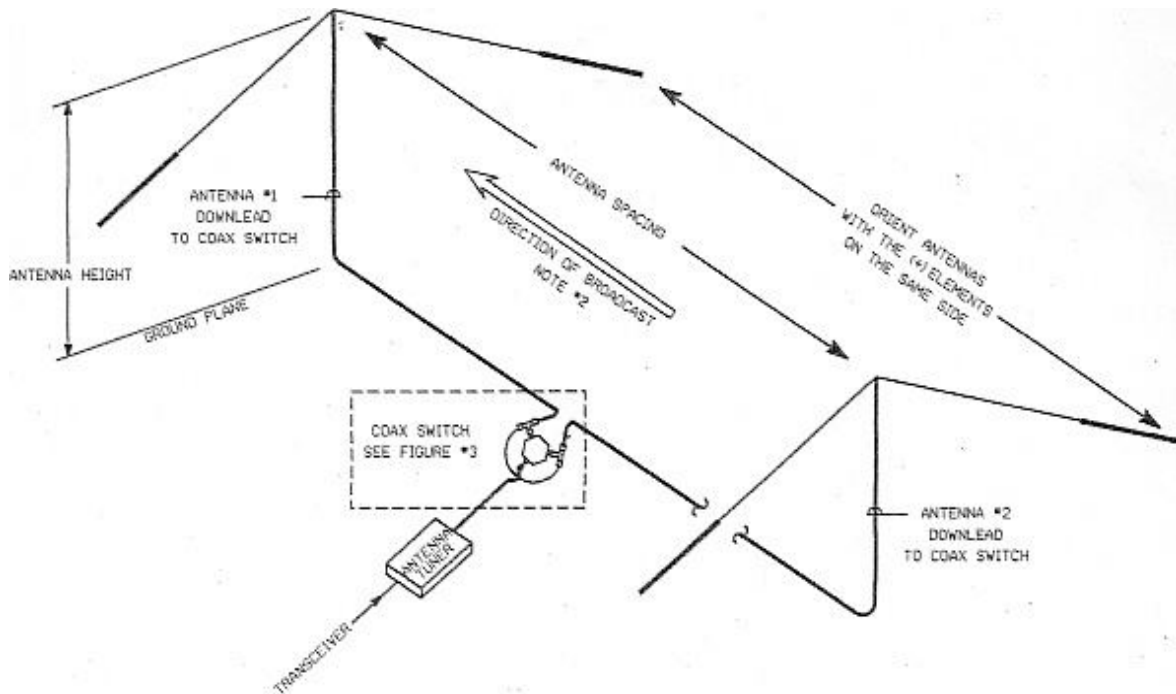


# DOUBLE-BAZOOKA PHASED ARRAY

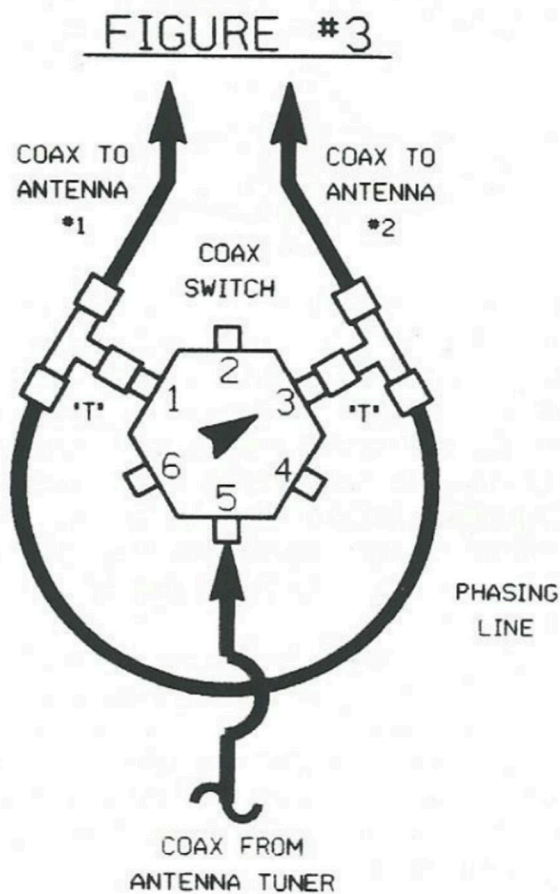
## Inverted V Phased Array Configured for Bi-Directional Broadcast



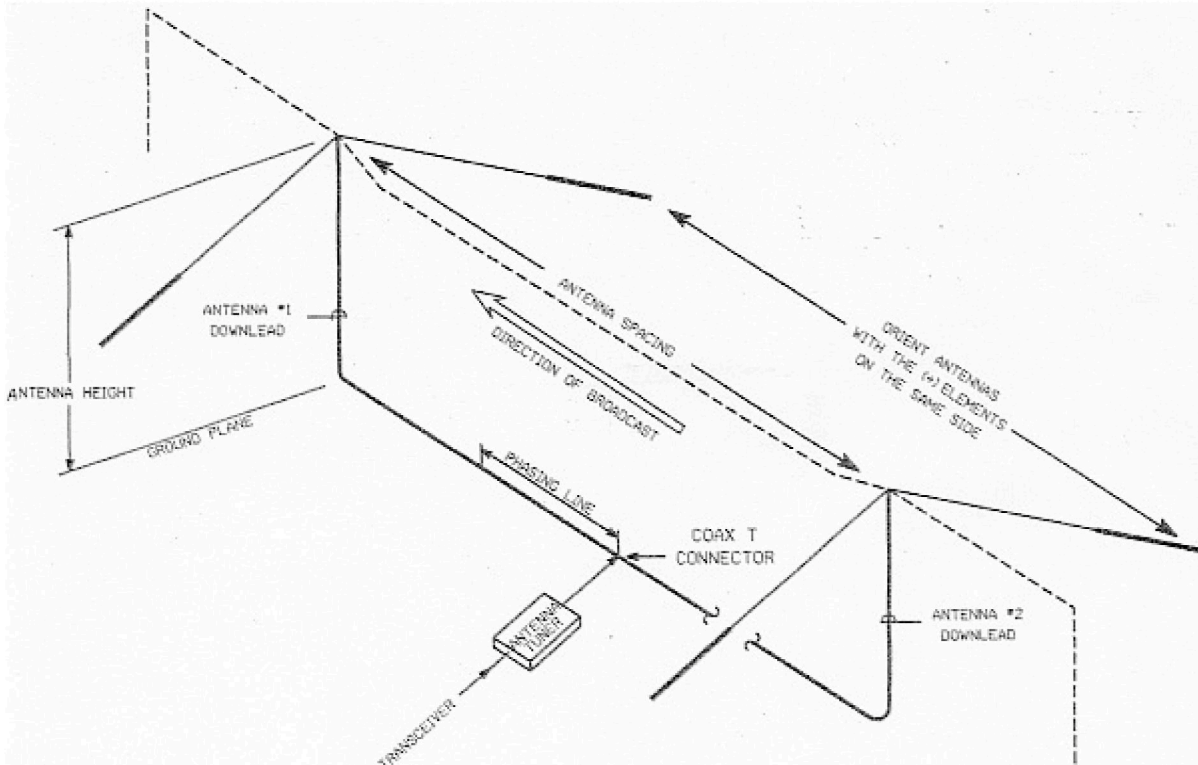
Band	Down lead Length	Antenna Spacing	Recommended Antenna Height	Min. Antenna End Height
17	45 FT	14-15 FT	25-35 FT	7-10 FT
20	57 FT	16-18 FT	25-35 FT	7-10 FT
40	68 FT	28-34 FT	25-35 FT	10-15 FT
80	126 FT	60-64 FT	40-60 FT	15-20 FT
160	263 FT	124-128 FT	60-90 FT	15-20 FT

1. Antenna #1 and Antenna #2 down leads must have a velocity factor of 66% (because of the 66% velocity factor of the antennas) and be the exact length as specified in installation dimensions. The phasing line is a separate cable which also must have a velocity factor of 66%.
2. An Ameritron RCS-8V coax switch is recommended. The use of another switching system may require the removal of grounding contacts from inside the switch.

**DOWN LEADS, PHASING LINE, COAX SWITCH AND CONNECTORS ARE NOT SUPPLIED.**



## Inverted V Phased Array Configured for Uni-Directional Broadcast



Band	Down lead Length	Antenna Spacing	Recommended Antenna Height	Min. Antenna End Height
17	45 FT	14-15 FT	25-35 FT	7-10 FT
20	57 FT	16-18 FT	25-35 FT	7-10 FT
40	68 FT	28-34 FT	25-35 FT	10-15 FT
80	126 FT	60-64 FT	40-60 FT	15-20 FT
160	263 FT	124-128 FT	60-90 FT	15-20 FT

Antenna #1 and antenna #2 down leads must have a velocity factor of 66% (because of the 66% velocity factor of the antennas) and be the exact length as specified in the installation dimensions. The phasing line length can be incorporated in one of the down leads although using connectors allows for manual phase reversal.

**DOWN LEADS, PHASING LINE, AND CONNECTORS ARE NOT SUPPLIED**