



## VHF TV BATWING ANTENNA

The JAMPRO Batwing has many outstanding features that mean great value to today's broadcaster. The entire structure, pole and batwing, are hot-dipped galvanized before assembly. This is important not only for long life, but also means reliable contact at important current carrying points. High strength beryllium copper with soldered brass terminal material is used for fanner straps. All connections in a JAMPRO Batwing are bolted. No hose clamps in these vital places.

Add complete assembly, tuning and range measurement of your antenna before shipping and you see why there's no question about its performance.

Directional batwings are a custom feature, also batwing re-harness kits are available for any antenna from JAMPRO. Call for details.



**Band I (54-88 MHz) Ch. 2-6**

**Band III (174-230 MHz) Ch. 7-13**

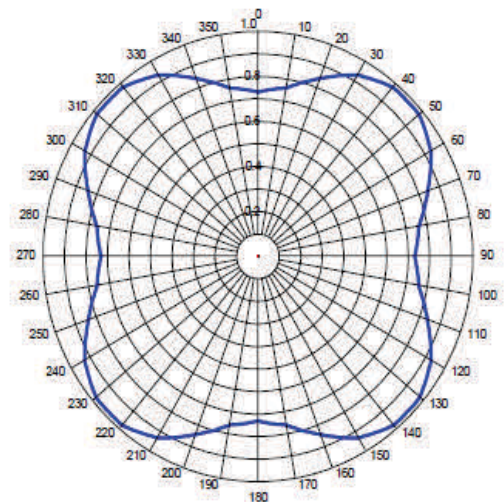
**NTSC & CCIR Channels**

**Hot dipped galvanized steel**

**Semi flexible interbay lines**

**Assembled and rage tested**

**Beam tilt and null fill available**



Standard Omni Azimuth Pattern



## MECHANICAL DATA

50/33 PSF, NO ICE

MODEL	A	B	C	D	H1	H2	H3	E	F	G	H
JAT 2/2-3	27.6	9.0	3.5	6.0	38.1	32.1	17.3	8.6	1600	29.0	2150
JAT 2/4-6	22.7	6.9	2.7	6.0	32.4	26.4	14.1	7.6	1400	16.5	1650
JAT 2/7-13	9.2	3.2	2.5	6.0	18.9	12.9	7.1	6.6	700	4.0	1000
JAT 3/2-3	44.6	9.0	3.5	8.0	57.1	49.1	25.8	11.8	2600	54.0	4600
JAT 3/4-6	36.7	6.9	2.7	8.0	48.4	40.4	21.1	10.8	1800	33.5	3500
JAT 3/7-13	14.8	3.2	2.5	6.0	24.3	18.3	9.9	8.6	800	7.8	1500
JAT 4/2-3	61.6	9.0	3.5	12.0	78.1	66.1	34.3	16.0	3700	100.0	7000
JAT 4/4-6	50.7	6.9	2.7	10.0	64.4	54.4	28.1	14.0	2750	69.0	4750
JAT 4/7-13	20.4	3.2	2.5	8.0	31.9	23.9	12.7	8.6	900	21.0	2500
JAT 5/2-3	78.6	9.0	3.5	16.0	99.1	83.1	42.8	18.0	5000	190.0	10000
JAT 5/4-6	64.7	6.9	2.7	16.0	84.4	68.4	35.1	14.0	3700	115.0	7000
JAT 6/2-3	95.6	9.0	3.5	20.0	120.1	100.1	51.3	20.0	6600	287.0	14000
JAT 6/4-6	78.7	6.9	2.75	18.0	82.4	82.4	42.1	18.0	4700	173.0	12000
JAT 6/7-13	31.6	3.2	2.5	10.0	35.1	35.1	18.3	8.6	1600	31.0	2800
JAT 8/7-13	42.8	3.2	2.5	10.0	46.3	46.3	23.9	10.8	2200	55.0	4800
JAT 10/7-13	54.0	3.2	2.5	10.0	57.5	57.5	29.5	12.8	3200	94.0	8500

A Ft. Antenna Aperture

B Ft. Antenna Width

C Ft. Clearance, tower top to batwing

D Ft. Bury length\*

H1 Ft. Overall pole length, includes bury

H2 Ft. Pole length above tower top

H3 Ft. Center radiation about tower

E Inches Pole Diameter at Tower Top

F Lbs. Wind Force at Radiation Center

G KIP Ft. Overturn Moment, Tower Top

H Lbs. Weight of Copmlete Antenna

\* No bury section if antenna flange amount.

Deicers Ch. 2-3 3 kW per bay  
 Ch. 4-6 2 kW per bay  
 Ch. 7-13 .8 kW per bay

Voltage 120 volts to ground

\*\*Special deicer requirements available, contact factory for details.