



## THE JAMPRO JFVX HIGH GAIN VERTICAL DIPOLE ANTENNA SYSTEM

The JAMPRO JFVX vertically polarized single dipole broadcast antenna offering a high gain Broadband Solution. Each element consists of balun fed dipole, featuring high gain and low downward radiation. The lightweight design combined with stainless steel dipole and rugged galvanized steel reflector insures many years of dependable performance in even the harshest environments. The JFVX antenna has proven to have excellent bandwidth pattern stability, and high gain. The flexible dipole spacing allows for custom directional patterns that fit any of your coverage requirements.

**Vertically polarized**

**Broadband**

**Single Element: Gain 3.7 dB**

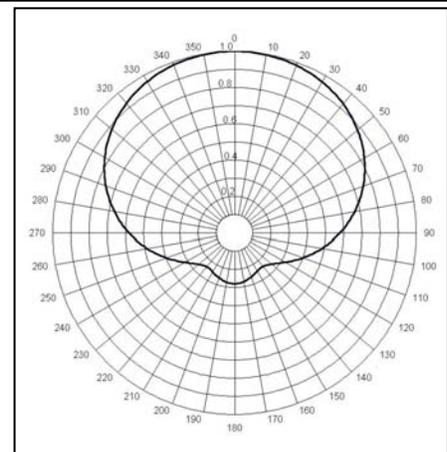
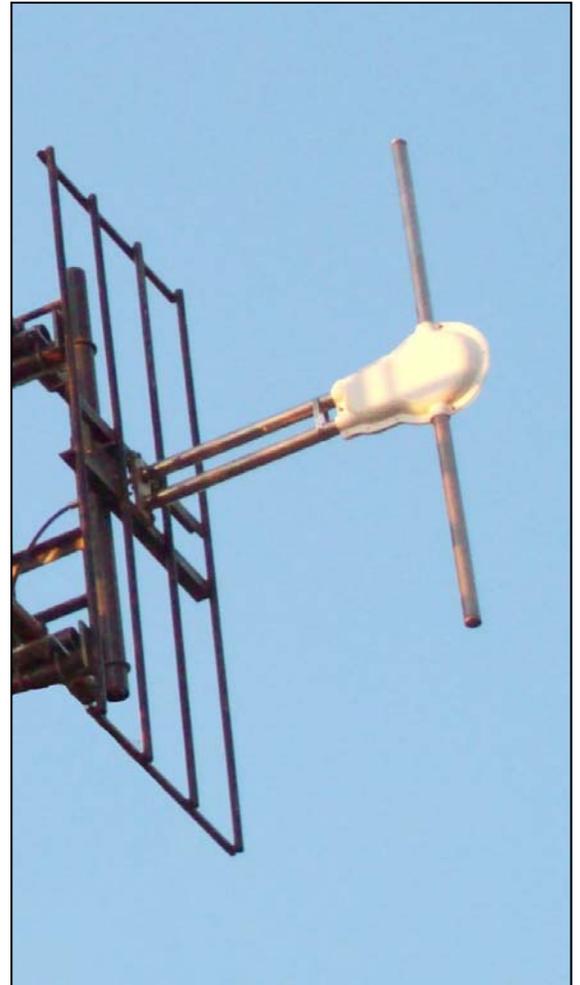
**FM band II (88-108 MHz)**

**Non-corrosive, stainless steel dipole, hot dipped galvanized steel & copper construction**

**Custom directional patterns available**

**Pressurized feed system & dipole**

**Custom mounting brackets & radomes available**



Single Dipole Pattern



# Bays	Power Gain	Gain (dB)	Antenna Height (ft./m)	New Weight (lbs)	Total Area (ft.)
1	2.35	3.7	5.3 ft. / 1.6 m	Contact Factory	
2	4.68	6.7	14.3 ft. / 4.36 m		
3	7.0	8.46	23.3 ft. / 7.1 m		
4	9.36	9.71	32.3 ft. / 9.84 m		
6	14.1	11.5	41.3 ft. / 12.6 m		
8	18.8	12.75	50.3 ft. / 15.33 m		
10	23.5	13.7	59.3 ft. / 18.07 m		
12	28.18	14.5	68.3 ft. / 20.82 m		

\*Values provided average/RMS gains; All other stated gains are Peak gains. Gains do not include losses for feed system beam tilt or null fill.

**NOTES:**

1. Weights and Windloads contact factory.
2. Total area shown in feet, area is subject to change.
3. All inputs EIA flange, female, 50 ohm
4. Polarization is Vertical.
5. Power rating available in many different ratings.
6. Optimized bandwidth over nominal 50 ohm VSWR of

1.1:1 over FM band available.

7. Power gain is based on half wave dipole in free space.
8. Radomes optional. Specifications on request.
9. Heights are based on mid band FM.

**OPTIONS:**

Options available include FCC-Directionalization, Pattern Measurement Service, Beam tilt and Null Fill, Special Mounting Brackets.

**Non-ionizing Radiation:**

Since many factors contribute to a station's compliance with the FCC exposure guidelines for radio frequency radiation, JAMPRO ANTENNAS, INC. cannot accept any responsibility in this matter. The station must examine and determine its status based on each individual situation.

\*All specifications are subject to change without notice.