



THE JAMPRO JFVD DUAL VERTICAL DIPOLE PANEL ANTENNA SYSTEM

The JAMPRO JFVD is a vertically polarized dual dipole broadcast antenna system. Each panel consists of balun fed dual dipoles, featuring high gain and low downward radiation. The lightweight design combined with rugged galvanized steel, non-corrosive stainless steel and copper construction insures many years of dependable performance in even the harshest environments. The JFVD antenna has proven to have excellent bandwidth and pattern stability. The flexible dipole spacing allows for custom directional patterns that fit any of your coverage requirements.

Vertically polarized

Available for FM Band II (87.5-108 MHz)

Single panel gain 8 dB

Broadband design

Omni-directional or custom directional patterns available

Non-corrosive stainless steel, hot dipped galvanized, and copper construction

Pressurized feed system dipole

Radomes available

Custom mounting brackets available





# Bays	Panels Per Bay	Power Gain	Gain (dB)	Antenna Height (ft.) m	Net Weight (lbs.)	Total Area (ft.)
1	2	3.2	5.1	9.2ft / 2.8m		
	3	2.2	3.5			
	4	1.6	2.1			
2	2	6.5	8.1	19.2ft / 5.85m		
	3	4.5	6.5			
	4	3.2	5.1			
4	2	12.9	11.1	39.3ft / 12m		
	3	8.9	9.5			
	4	6.5	8.1			
6	2	19.5	12.9	58.5ft / 17.85m		Contact Factory
	3	13.5	11.3			
	4	9.8	9.9			
8	2	26.9	14.3	79.4ft / 24.2m		
	3	17.8	12.5			
	4	13.5	11.1			
10	2	32.0	15.0	96.0ft / 29.26m		
	3	21.4	13.3			
	4	16.0	12.1			
12	2	38.5	15.9	120.0ft / 366.58m		
	3	25.6	14.1			
	4	19.2	12.8			

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/meters, area is subject to change
- 3. All inputs EIA flange, female, 50 ohm
- 4. Vertically polarized
- 5. Power rating available
- 6. Optimized bandwidth over nominal 50 ohm VSWR of 1.1:1 over FM band available. *Contact factory for details
- 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 subject to change without notice.