JAMPRO ANTENNAS, INC.

JFVD

The JAMPRO JFVD Dual Vertical Dipole Panel Antenna System

The JAMPRO JFVD is a vertically polarized dual dipole broadcast antenna offering a wide range of custom directional patterns. Each panel contains 1-5/8" balun fed dual dipoles, featuring high gain and low downward radiation. The lightweight design combined with rugged galvanized steel, noncorrosive marine brass 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.

Available for FM Band (88-108 MHz)

Typical Single Channel VSWR

1.1:1 +/- 200 KHz Or Better

Vertically Polarized

Omni-Directional or Custom Directional Patterns Available

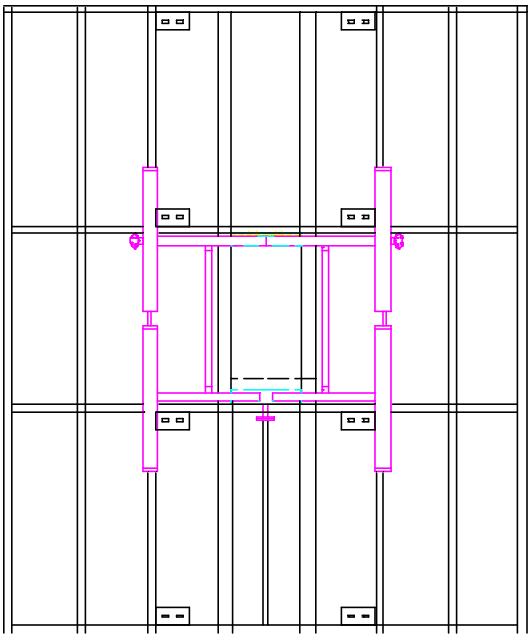
Noncorrosive Marine Brass and Copper construction

Pressurized Feed System

Fiberglass Radomes Available

Custom Mounting Brackets Available

Single Panel Gain 8 dB



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JAMPRO JFVD Broadcast Antenna						
# Bays	Panels Per Bay	Power Gain	Gain (dB)	Antenna Height (ft.)	Net Weight (lbs.)	Total Area (ft.)
1	2	3.2	5.1	9.2	Contact	Factory
	3	2.2	3.5		Contact	Factory
	4	1.6	2.1		Contact	Factory
2	2	6.5	8.1	19.2	Contact	Factory
	3	4.5	6.5		Contact	Factory
	4	3.2	5.1		Contact	Factory
4	2	12.9	11.1	39.3	Contact	Factory
	3	8.9	9.5		Contact	Factory
	4	6.5	8.1		Contact	Factory
6	2	19.5	12.9	58.5	Contact	Factory
	3	13.5	11.3		Contact	Factory
	4	9.8	9.9		Contact	Factory
8	2	26.9	14.3	79.4	Contact	Factory
	3	17.8	12.5		Contact	Factory
	4	13.5	11.1		Contact	Factory

Notes:

1. Weights and windloads shown include feed lines.
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. Contact factory for details.
7. Power gain is based on half wave dipole in free space
8. Radomes optional. Specifications on request.
9. Weights and area calculated without ice.
10. 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.