



JHD-HV2

The JAMPRO JHD Horizontal Dual Dipole Flat Panel Antenna

The JAMPRO JHD-HV antenna is a half wave spaced dual dipole flat panel antenna system. Rugged galvanized steel construction insures many years of dependable performance in even the harshest environments. Protective lightweight radomes can be added to protect against heavy ice buildup. The JHD antenna has been proven to have excellent bandwidth, with typical VSWR of <math><1.05:1</math> on carrier, and <math><1.1:1</math> across the channel. Many standard and custom directional patterns are available to fit any of your coverage requirements. The JHD-HV2 is designed for either vertical or horizontal polarization.

Designed For High Band VHF
(Ch 7-13) Band III

Typical Single Ch VSWR <math><1.05:1</math>
on Carrier

Omni-Directional or Custom
Directional Patterns

Rugged Hot Dipped Galvanized
Steel Construction

Pressurized Feed System

Fiberglass Radomes Available

Custom Mounting Brackets
Available for Easy Installation

Single Panel Gain 8.0 dB



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JAMPRO JHD-HV2 Broadcast Antenna						
# Bays	Panels Per Bay	Gain (times)	Gain (dB)	Antenna Height (ft.)	Net Weight (lbs.)	Windload (lbs.)
1	2	3.2	5.1	4.1	136	276
	3	2.2	3.5		204	378
	4	1.6	2		272	473
2	2	6.6	8.2	9.4	272	552
	3	4.5	6.5		408	756
	4	3.3	5.2		544	946
4	2	13.2	11.2	19.9	544	1103
	3	8.9	9.5		816	1513
	4	6.5	8.2		1088	1891
6	2	20	13	30.3	816	1655
	3	13.5	11.3		1244	2269
	4	10	10		1632	2837
8	2	26.3	14.2	40.4	1088	2206
	3	17.8	12.5		1632	3026
	4	13.2	11.2		2176	3782

Notes:

1. Input N, 7/16 or 7/8 (other type of connectors on request).
2. Connect cables heliax or double shielded, solid insulated coaxial cable.
3. Weights without mounting hardware, feed system or radomes.
4. Frequency range one channel in Band III (174-230 MHz).
5. Null fill and beam tilt on request.
6. Windloads at 112 mph.

Options

Options available include FCC-Directionalization, Pattern Measurement Service, beam tilt, null fill, and 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.