



## JHD-HR2

### The JAMPRO JHD-HR2 Horizontal Dual Dipole Flat Panel Antenna

---

*The JAMPRO JHD-HR2 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. 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.*

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

Typical Single Ch VSWR <math><1.1:1</math>  
on Channel

Omni-Directional or Custom  
Directional Patterns

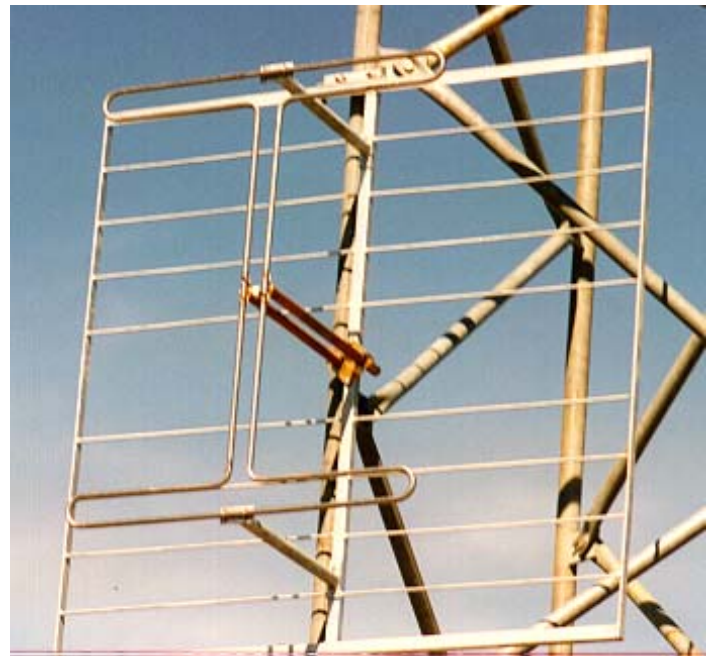
Rugged Hot Dipped Galvanized  
Steel Construction

Stainless Steel Dipoles

Custom Mounting Brackets  
Available for Easy Installation

Single Panel Gain 7.5 dBd is at  
Mid-Band Gain

8.0 dB Gain at high end of Band III



# JHD-HR2

<b>JAMPRO JHD-HR2 Broadcast Antenna</b>				
<b># Bays</b>	<b>Panels Per Bay</b>	<b>Gain (times)</b>	<b>Gain (dB)</b>	<b>Antenna Height (ft.)</b>
1	2	2.5	4.00	4.1
	3	1.6	2.04	
	4	1.25	0.97	
2	2	5	7	9.4
	3	3.3	5.2	
	4	2.5	4	
4	2	10	10	19.9
	3	6.6	8.2	
	4	5	7	
6	2	15	11.75	30.3
	3	10	10	
	4	7.5	8.75	
8	2	20	13	40.4
	3	13.3	11.25	
	4	10	10	

## 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.