JHD-HV4

The JAMPRO JHD Horizontal Dual Dipole
Flat Panel Antenna

The JAMPRO JHD-HV4 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 <1.05:1 on carrier, and <1.1:1 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 Channel VSWR
on
Carrier 1.05:1 or Better

Omni-Directional or Custom
Directional Patterns

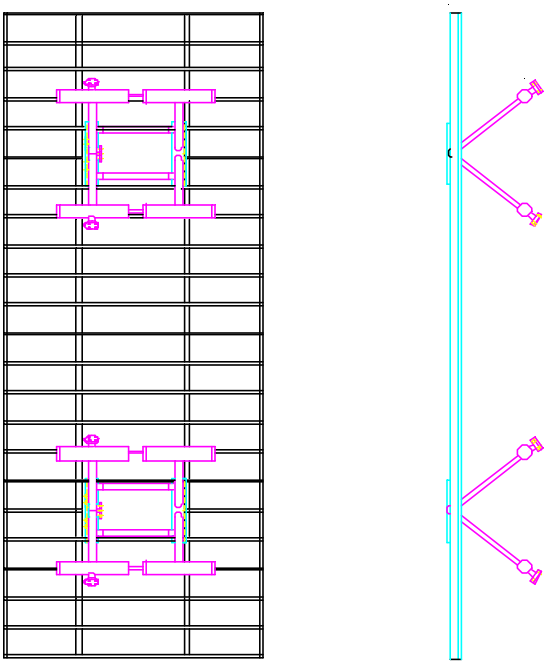
Rugged Hot Dipped Galvanized
Steel
Construction

Pressurized Feed System

Fiberglass Radomes Available

Custom Mounting Brackets
Available
for Easy Installation

Single Panel Gain 11.0 dB



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JAMPRO JHD-HV4 Broadcast Antenna						
# Bays	Panels Per Bay	Gain (times)	Gain (dB)	Antenna Height (ft.)	Net Weight (lbs.)	Windload (lbs.)
1	2	6.6	8.2	9.7	258	530
	3	4.5	6.5		387	272
	4	3.3	5.2		516	908
2	2	13.2	11.2	20.3	516	1060
	3	8.9	9.5		774	1453
	4	6.6	8.2		1032	1817
4	2	26.3	14.2	41.9	1032	2120
	3	17.8	12.5		1548	2907
	4	13.2	11.2		2064	3634
6	2	39.8	16.0	62.5	1548	3179
	3	26.9	14.3		2322	4360
	4	20.0	13.0		3096	5450
8	2	55.0	17.4	85.1	2064	4239
	3	35.5	15.5		3096	5814
	4	26.3	14.2		4128	7267

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.
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.

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