

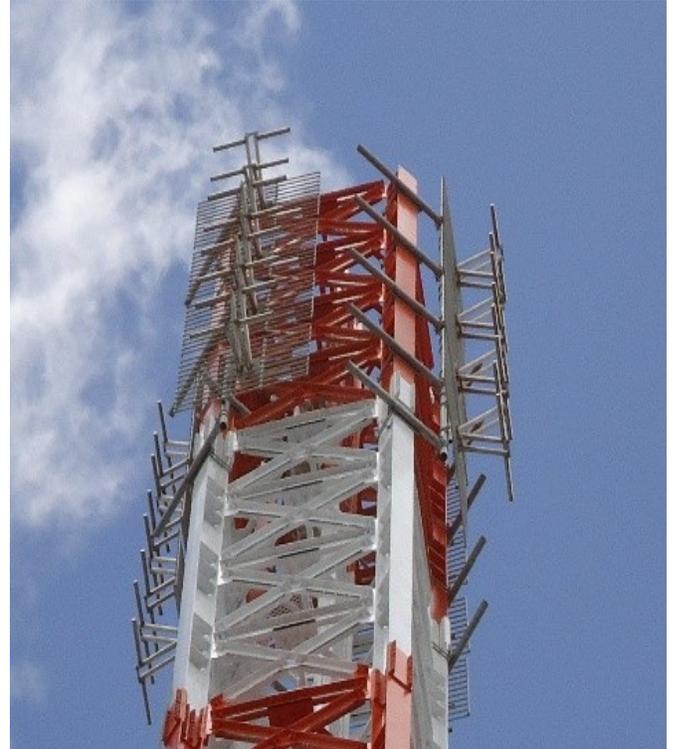
ADB-HD-HV4

Dual Dipole Flat Panel Antenna



Product Description

The ADB-HD-HV4 antenna is a half wave spaced dual dipole flat panel antenna system. Rugged galvanized steel construction ensures many years of dependable performance in even the harshest environments. Protective light-weight radomes can be added to protect against heavy ice buildup. The ADB-HD 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.



# Bays	Panels per Bay	Gain (times)	Gain (dBd)	Height (ft) / m	Projected Area (sq. ft.)
1	2	6.6	82	9.7 ft / 2.96 m	Contact Factory
	3	4.5	6.5		
	4	3.3	5.2		
2	2	13.2	11.2	20.3 ft / 6.19 m	
	3	8.9	9.5		
	4	6.6	8.2		
4	2	26.3	14.2	41.9 ft / 12.77 m	
	3	17.8	12.5		
	4	13.2	11.2		
6	2	39.8	16.0	62.5 ft / 19.05m	
	3	26.9	14.3		
	4	20.0	13.0		
8	2	55.0	17.4	85.1 ft / 25.94 m	
	3	35.5	15.5		
	4	26.3	14.2		

All stated gains are Peak gains. Gains do not include losses for feed system, beam tilt or null fill.

Alan Dick Broadcast Ltd

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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. Frequency range one channel in Band III (174-230 MHz).
4. Null fill and beam tilt on request.
5. Weights and windloads contact factory

Options

Options available include Directionalization, Pattern Measurement Service, beam tilt, null fill, and special mounting brackets.

*All specifications are subject to change.

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