

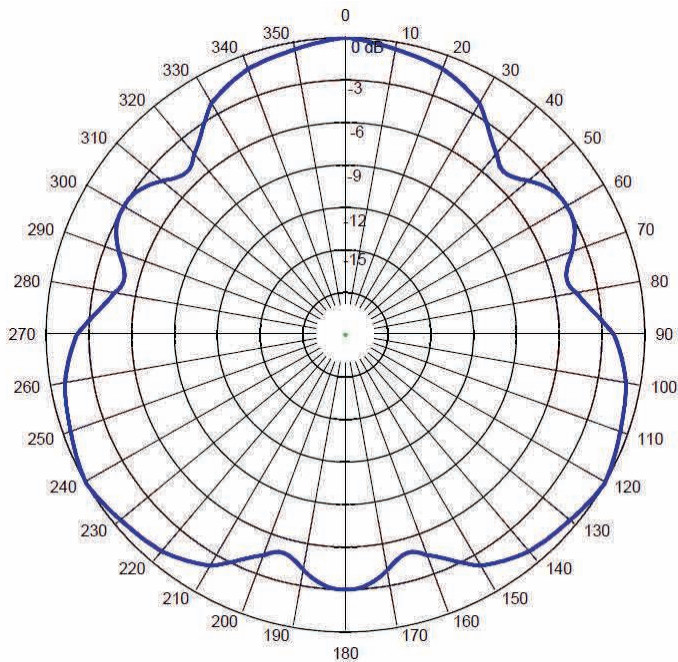
# ADB-HD-HR2

## Dual Dipole Flat Panel Antenna



### Product Description

The ADB-HD-HR2 antenna is a half wave spaced dual dipole flat panel antenna system. Rugged galvanized steel panel construction & stainless steel dipole insures many years of dependable performance in even the harshest environments. The ADB-HD 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.



Standard Omni Azimuth Pattern

### Alan Dick Broadcast Ltd

Design, supply & manufacture communication infrastructure systems on a global scale by offering products and services for Wireless networks.

• Americas • Asia Pacific • Europe • Middle East

© Alan Dick Broadcast Ltd

[www.alandickbroadcast.com](http://www.alandickbroadcast.com)

# ADB-HD-HR2

## Dual Dipole Flat Panel Antenna



# Bays	Panels per Bay	Gain (times)	Gain (dBd)	Height (ft) / m	Projected Area (sq. ft.)
1	2	2.5	4	4.1 ft / 1.25 m	Contact Factory
	3	1.6	2.04		
	4	1.25	0.97		
2	2	5	7	9.4 ft / 2.87 m	
	3	3.3	5.2		
	4	2.5	4		
4	2	10	10	19.9 ft / 6.07 m	
	3	6.6	8.2		
	4	5	7		
6	2	15	11.75	30.3 ft / 9.24 m	
	3	10	10		
	4	7.5	8.75		
8	2	20	13	40.4 ft / 12.31 m	
	3	13.3	11.25		
	4	10	10		

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

### 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. Windloads at 112 mph.

### Options

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

\*All specifications are subject to change.

## Alan Dick Broadcast Ltd

Design, supply & manufacture communication infrastructure systems on a global scale by offering products and services for Wireless networks.

• Americas • Asia Pacific • Europe • Middle East

© Alan Dick Broadcast Ltd

[www.alandickbroadcast.com](http://www.alandickbroadcast.com)