

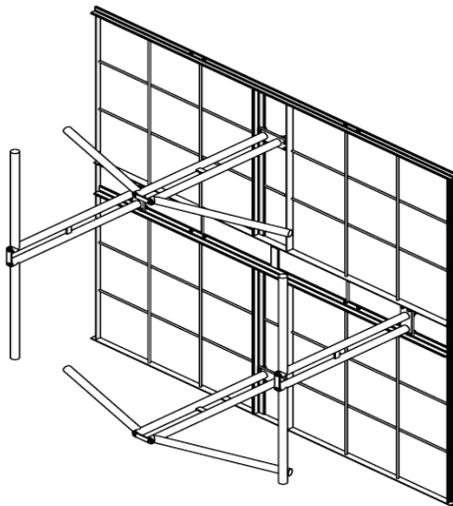
ADB-CPD

4-Dipole Flat Panel Antenna



Product Description

The ADB-CPD 4-dipole flat panel antenna is a circularly polarized antenna system. Rugged galvanized steel construction insures many years of dependable performance in even the harshest environments. Protective lightweight dipole radomes may be added as protection against heavy ice buildup. The ADB-CPD antenna has proven to provide excellent bandwidth, with typical VSWR of <math><1.1:1</math> or better. Many standard and custom directional patterns are available to fit any of your coverage requirements.



Alan Dick Broadcast Ltd

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

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# Bays	Panels per Bay	Gain (times)	Gain (dB)	Height (ft/m)	Projected Area (sq. ft)
1	2	1.6	2	7ft / 2.13m	Contact Factory
	3	1.1	0.4		
	4	0.8	-1		
2	2	3.2	5.1	17ft / 5.18m	
	3	2.2	3.4		
	4	1.6	2		
4	2	6.5	8.1	37ft / 11.27m	
	3	4.5	6.5		
	4	3.3	5.2		
6	2	9.8	9.9	57ft / 17.87m	
	3	6.8	8.3		
	4	4.9	6.9		
8	2	13.2	11.2	77ft / 23.47m	
	3	9.2	9.6		
	4	6.6	8.2		
10	2	16.5	12.17	97ft / 29.57m	
	3	11.0	10.4		
	4	8.25	9.15		
12	2	19.8	12.96	117ft / 35.66m	
	3	13.2	11.2		
	4	9.9	9.95		

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

NOTES:

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| <ol style="list-style-type: none"> 1. Weights and wind loads contact factory 2. All inputs EIA flange, female, 50 ohm. 3. Polarization is circular. 4. Input power capability available in many different ratings. | <ol style="list-style-type: none"> 5. Optimized bandwidth over nominal 50 ohm VSWR of 1.1:1 available. Contact factory for details. 6. Power gain is based on half wave dipole in free space. 7. Radomes optional. Contact factory for details. |
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OPTIONS:

Since many factors contribute to a station's compliance with the FCC exposure guidelines for radio frequency radiation, Alan Dick Broadcast Ltd. cannot accept any responsibility in this matter. The station must examine and determine its status based on each individual situation. For reduced low angle radiation near the tower, a low RFR model of this antenna is available. Contact the factory for pricing data and further details.

*All specifications are subject to change without notice.

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