



JCPD

The JAMPRO JCPD 4-Dipole Flat Panel Antenna

The JAMPRO JCPD antenna is a circularly polarized 4-dipole flat panel antenna system. Rugged galvanized steel construction insures many years of dependable performance in even the harshest environments. Protective lightweight radomes may be added as protection against heavy ice buildup. The JCPD antenna has proven to have 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.

Available for FM Band II
(87.5 - 108 MHz)

Excellent for Multi-User
Applications

Omni-Directional or Custom
Directional Patterns Available

Rugged Construction of Marine
Brass and Hot Dipped Galvanized
Steel

All Insulators of Virgin Teflon

Fiberglass Radomes Available

Custom Mounting Brackets
Available

Two-Year Warranty



JAMPRO JCPD BROADCAST ANTENNA

# Bays	Panels per Bay	Gain (times)	Gain (dBd)	Height (ft)	Projected Area (sq. ft.)
1				7	Contact Factory
	2	1.6	2		
	3	1.1	0.4		
2	4	0.8	-1	17	Contact Factory
	2	3.2	5.1		
	3	2.2	3.4		
4	4	1.6	2	37	Contact Factory
	2	6.5	8.1		
	3	4.5	6.5		
6	4	3.3	5.2	57	Contact Factory
	2	9.8	9.9		
	3	6.8	8.3		
8	4	4.9	6.9	77	Contact Factory
	2	13.2	11.2		
	3	9.2	9.6		
	4	6.6	8.2		

Notes:

- Weights and wind loads shown include panels, complete feed system with power splitters, dividers and feed lines.
- Windload ratings are based on 50/33 PSF (98 MHz-mid band).
- All inputs EIA flange, female, 50 ohm.
- Polarization is circular.
- Input power capability available in many different ratings.
- Optimized bandwidth over nominal 50 ohm VSWR of 1.1:1 available. Contact factory for details.
- Power gain is based on half wave dipole in free space.
- Radomes optional. Contact factory for details.
- Weights and wind loads calculated without ice.
- All specifications are subject to change.

Options

Options available include FCC-Directionalization, Pattern Measurement Service, Beam tilt and Null fill, 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.