



6340 Sky Creek Drive
Sacramento, California 95828 USA

Telephone (916) 383-1177
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JAHD

Arrowhead Dipole Broadcast Panel Antenna



HD or DTV READY

FM and VHF BANDS I, II & III COVERAGE

FLEXIBLE PANEL PLACEMENT FOR CUSTOM PATTERNS

WIDE BANDWIDTH OPTION ALLOWS MULTIPLE CHANNEL OPERATION

DURABLE AND RUGGED CONSTRUCTION

OPTIONAL FIBERGLASS RADOME PROTECTION

The Jampro JAHD Arrowhead Dipole broadcast panel antenna is an excellent choice for stations looking for above average pattern stability and excellent control over axial ratio. The JAHD is designed for Bands I, II, and III and is easily adaptable for multi-station use. The Jampro JAHD antenna is designed to be mounted on the sides of a large tower or other large supporting structure. Power rating is 10 kW per panel, higher powers available.



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JAMPRO ANTENNAS, INC. was conceived as a result of the need for quality broadcast systems at a reasonable price. From the first system delivered in 1954 to those installed today, consistent performance and quality founded on solid engineering has been our commitment.

All systems are conceived, designed and manufactured in Sacramento, California - a distinction that sets JAMPRO apart from others. Our long history in manufacturing broadcast equipment allows us to keep our prices competitive while still building the highest quality equipment available.

JAMPRO is a full service RF equipment provider. In addition to our FM, VHF and UHF antenna products, we also supply a full line of RF components.

Today, more than 4,000 broadcasters worldwide benefit from the quality and performance of JAMPRO's systems.

The JAHD VHF Panel Antenna is designed as a side-mount antenna. The JAHD antenna is based on a modular design and can be configured to provide various azimuth and elevation patterns. By using optional beam tilt and null fill, the elevation pattern can be shaped to maximize coverage. The design of this circularly polarized antenna may be configured to include varying levels of vertical polarization, with results ranging from small amounts of elliptical polarization to full circular polarization

In order to ensure many years of trouble-free service radomes are installed to enclose and protect the panels against rain and ice, where applicable.

The JAMPRO JAHD VHF Panel Antenna can produce a wide variety of standard and custom azimuth patterns. Different configurations will produce various gains, weights and wind loads.

# Bays	Panels	Gain	dBd	Height	Weight	Wind load
1	1	2.00	3.00	6	Contact	Factory
	2	1.00	0.0	6	Contact	Factory
	3	0.47	-3.20	6	Contact	Factory
2	1	4.00	6.00	16	Contact	Factory
	2	2.00	3.00	16	Contact	Factory
	3	1.00	0.00	16	Contact	Factory
4	1	8.00	9.00	36	Contact	Factory
	2	4.00	6.00	36	Contact	Factory
	3	2.20	3.22	36	Contact	Factory
6	1	12.00	10.8	56	Contact	Factory
	2	6.00	7.80	56	Contact	Factory
	3	3.2	5.00	56	Contact	Factory
8	1	16.0	12.0	76	Contact	Factory
	2	8.0	9.0	76	Contact	Factory
	3	4.30	6.30	76	Contact	Factory

Weights and wind loads shown do not include mounting brackets, feed lines or power dividers. Wind load ratings are based on 50/33 psf (98 mHz, one wavelength spaced). Radomes, optional, are available upon request. All inputs are 50 ohms, EIA female flange. In omni-directional, circularity is +/- 2.0 dB on 5 ft or smaller face tower. VSWR is typically 1.1:1 or better. Since many factors contribute to a station's compliance with FCC exposure guidelines for RFR, Jampro Antennas, Inc. cannot accept any responsibility in this manor. The station must examine and determine its status based on each individual situation. All specifications subject to change.