

JDIY

Circularly Polarized Low Power Broad Band FM Antenna

The JAMPRO JDIY is an antenna designed specifically for Low Power omnidirectional FM applications including LPFM, Translator, Back-Up and repeater applications. The simplicity of the antenna design gives low power stations the flexibility needed to meet their individual station requirements. Stainless Steel Construction is featured for long life. The JDIY is 1,000 watt power rated for 88 to 108 MHz. The antenna features a VSWR of 1.5:1 or better. The JDIY comes with professional 7/8" EIA female input connection. The inner connector is silver plated brass.

An ideal antenna for "do it yourselfers", the JDIY-1 is provided for user installation and tuning. Unlike other Jampro antennas, this antenna is not factory tuned, to reduce the price. Customer support is limited to replacement parts. Mounting hardware is included for 2" to 3.5" OD pipe or tower leg. Not available for angle iron towers or large OD pipe or legs.

Specifications:

Gain	See Chart for gains
Input	7/8" EIA Female Flange, optional "N" adaptor available
Power	Up to 1,000 Watts
Frequency Range	87.5 to 99 MHz. Or 97 to 108 MHz.
Impedance	50 ohms
Polarization	Circular/Elliptical
Azimuth Pattern	Omnidirectional (± 2.0 dB, free space)
Weight	35-1/4 lbs (16 kg)
Dimensions	Low Band 59.06x32.68x32.68" (1500x830x830 mm) High Band 53.94x30.31x30.31" (1370x770x770 mm)
Note:	Specifications subject to change without notice.

Jampro, the World's most recognized antenna brand.

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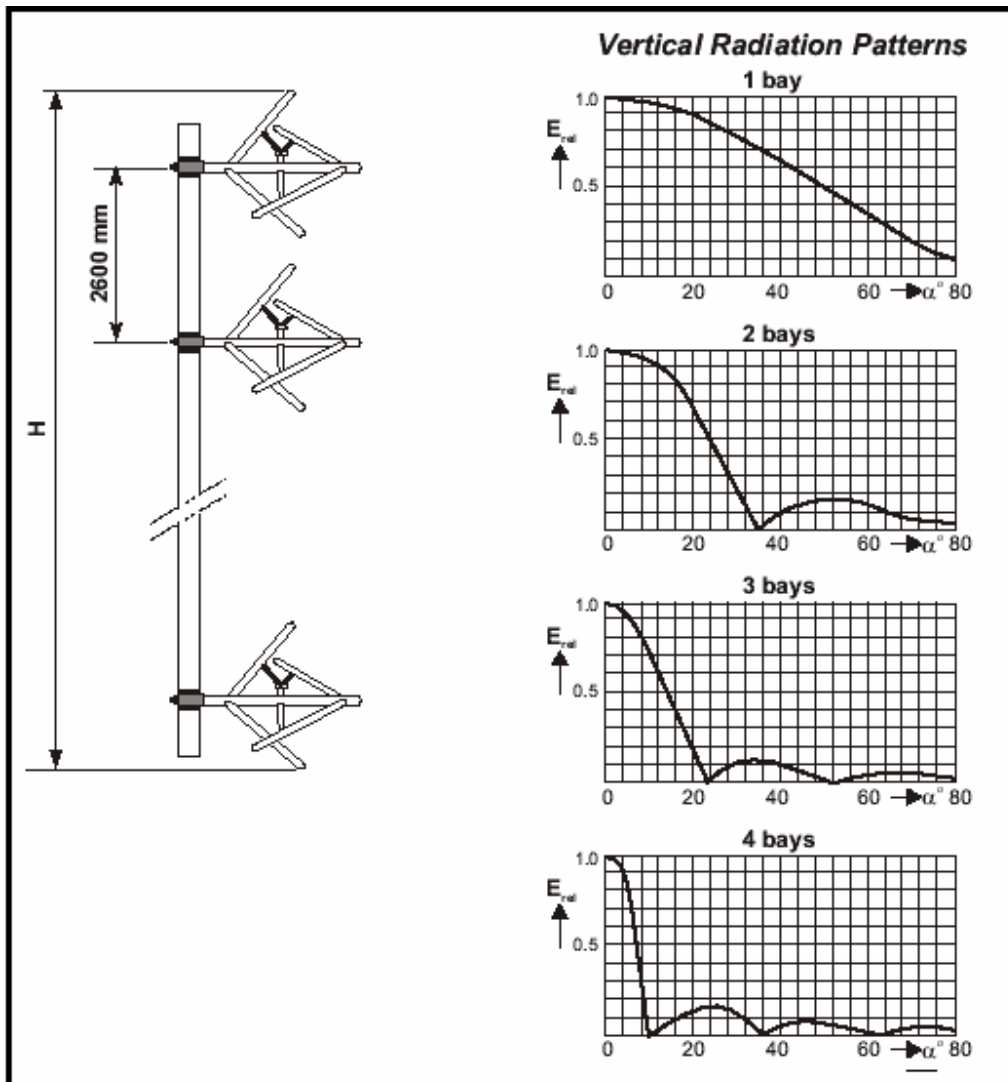


Antenna Configuration characteristics

No. Bays	Safe Power Rating	Gain	Weight	(H) Height
1	1 kW	0.46 x / -3.37 dBd	35.27 lbs / 16 kg	2.72 ft. / .83 m
2	2 kW	0.955 x / -0.20 dBd	70.55 lbs / 32 kg	11.25 ft. / 3.43 m
3	3 kW	1.50 x / 1.76 dBd	105.82 lbs / 48 kg	19.78 ft. / 6.03 m
4	4 kW	2.05 x / 3.12 dBd	141.1 lbs / 64 kg	28.31 ft. / 8.63 m

Bay Spacing

Vertical Radiation Patterns



1. Corporate feed system
2. Input Connector 7/8" EIA Female
3. Derating occurs above 2,000 ft. elevation
4. Gain based on .5 wave dipole in free space

5. Specifications subject to change without notice
6. Many factors contribute to a station's RFR compliance. Jampro Can not accept any responsibility in this matter. The station should examine and determine its status based on each individual situation.

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