

VHF BASE ANTENNA 1/4 WAVE GP FM

AP2226



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soluções em antenas

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TECHNICAL DATA

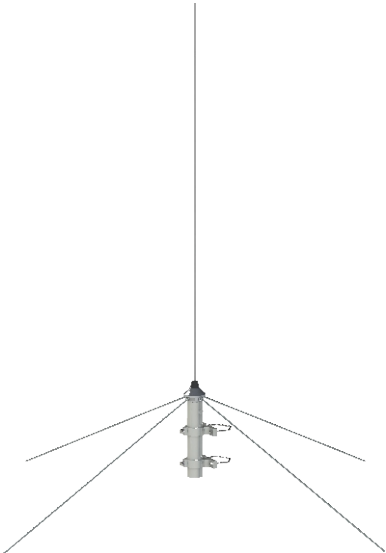
The **AP2226** is an antenna designed to operate as a radio transceiver base station at frequencies from 6 to 108 MHz. Made of high-quality aluminum and stainless steel quality, the AP2226 has a female UHF coaxial connector for installation with cables fitted with male UHF connectors.

With a clamp system that allows mounting on pipes from 3/4" (19mm) to 1.3/4" (45mm).

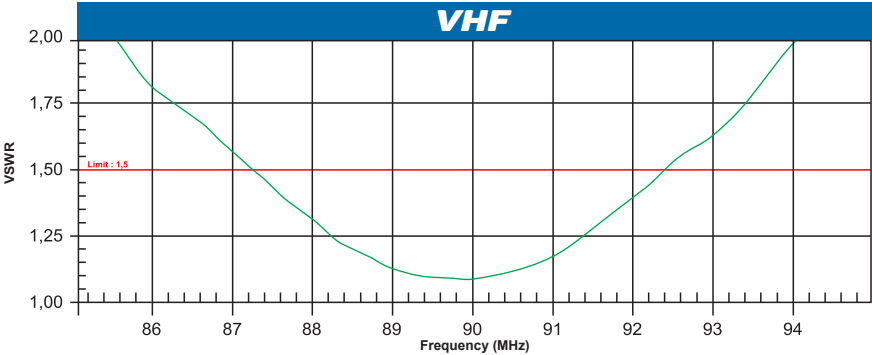
IMPORTANT: For best results, always use an SWR meter (WATTMETER).

We recommend a VSWR less than or equal to 1,5:1 and reflected power less than or equal to 4%.

SPECIFICATIONS	
FREQUENCY	86 - 108 MHz
MAXIMUM POWER	150 W
IMPEDANCE	50 Ω
VSWR	≤ 1,5:1
GAIN	2,15 dBi
HEIGHT	1325 mm
WEIGHT	820 g
MAXIMUM WIND	150 Km/h



EXAMPLE: See below the VSWR chart of a AP2226 antenna tuned to 90 MHz.



ATTENTION: All whip cutting lengths in the table refer to the antenna assembled as shown in the figure below.

EXAMPLE: Install the AP2226 keeping a half-wave distance (1,70 meters) from the ground, buildings, trees, towers and other antennas. Use a good-quality cable to avoid losses and thus obtain the best antenna performance.

CUTTING TABLE		
Frequency (MHz)	A-Radiating element (CM)	B-Radials (CM)
86	80,0	88,5
88	76,0	88,5
90	73,0	87,0
92	71,5	85,5
94	70,0	84,0
96	68,5	82,5
98	67,0	80,5
100	65,5	79,5
102	64,0	78,0
104	62,5	76,5
106	61,0	75,0
108	59,5	73,5

