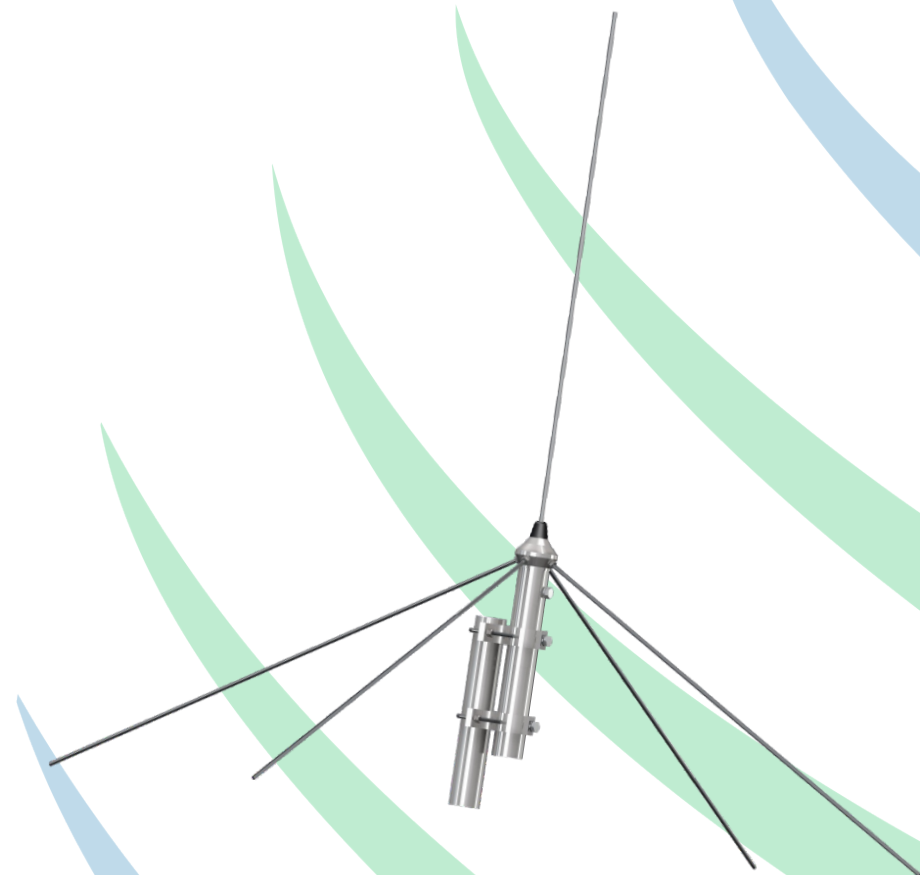


VHF BASE ANTENNA 1/4 WAVE GP AVIATION

AP8162



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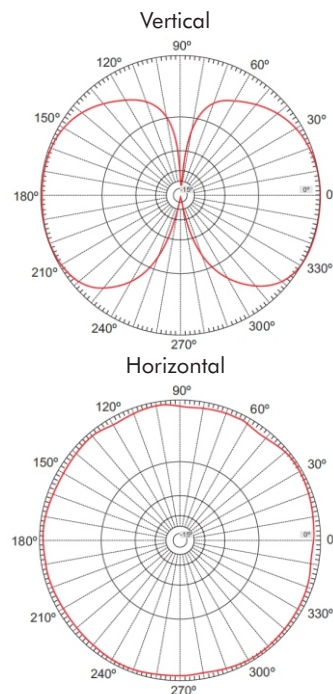
VHF BASE ANTENNA 1/4 WAVE GP AVIATION

TECHNICAL DATA

AP8162 is an omnidirectional antenna designed to work as a base station for radio transceivers at frequencies from 108 to 136 MHz. Made of high-quality aluminum and stainless steel, it has a female UHF coaxial connector for easy installation with cables fitted with male UHF connectors. It has a clamp system that allows mounting on pipes from 3/4 (19 mm) to 1,3/4 (45 mm).

NOTE:

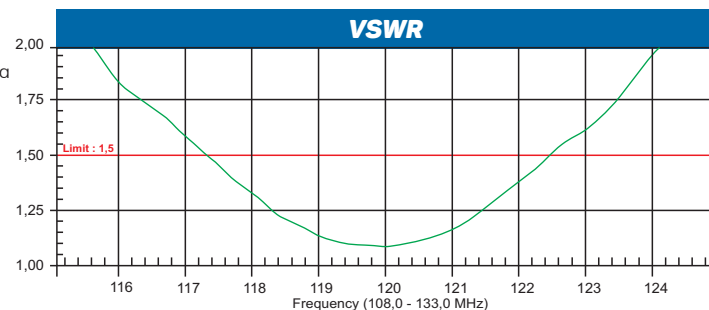
Install the AP8162 half a wave away from the ground, buildings, trees and other antennas. Use a good-quality cable to avoid losses and get the best performance from your antenna.



SPECIFICATIONS

FREQUENCY	108 - 136 MHz
MAXIMUM POWER	150 W
IMPEDANCE	50 Ω
VSWR	$\leq 1,5:1$
GAIN	2,15 dBi
HEIGHT	800 mm
WEIGHT	720 g
MAXIMUM WIND	150 KM/H

EXAMPLE:
See the tuned chart following a SWR antenna a a frequency of 120 MHz.



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

IMPORTANT: The measurements in the tuning table are for reference only and may vary depending on the installation site. The antenna must be installed on a flat surface with a radius of at least 1/4 wave plus 5% at the desired frequency.

For best results, always use an SWR meter (WATTMETER). The reflected signal must not exceed 1,5:1 VSWR or 4% of the forward power .

Note: Maximum adjustable frequency 480MHz.

*See table AP0162.

TABELA DE AJUSTE

Frequência (MHz)	Comprimento (H cm)
108	69,40
110	68,10
113	66,30
115	65,20
117	64,10
120	62,50
125	60,00
127	59,00
130	57,60
133	56,30
136	55,10

100%
Construída
com material
não-ferroso

