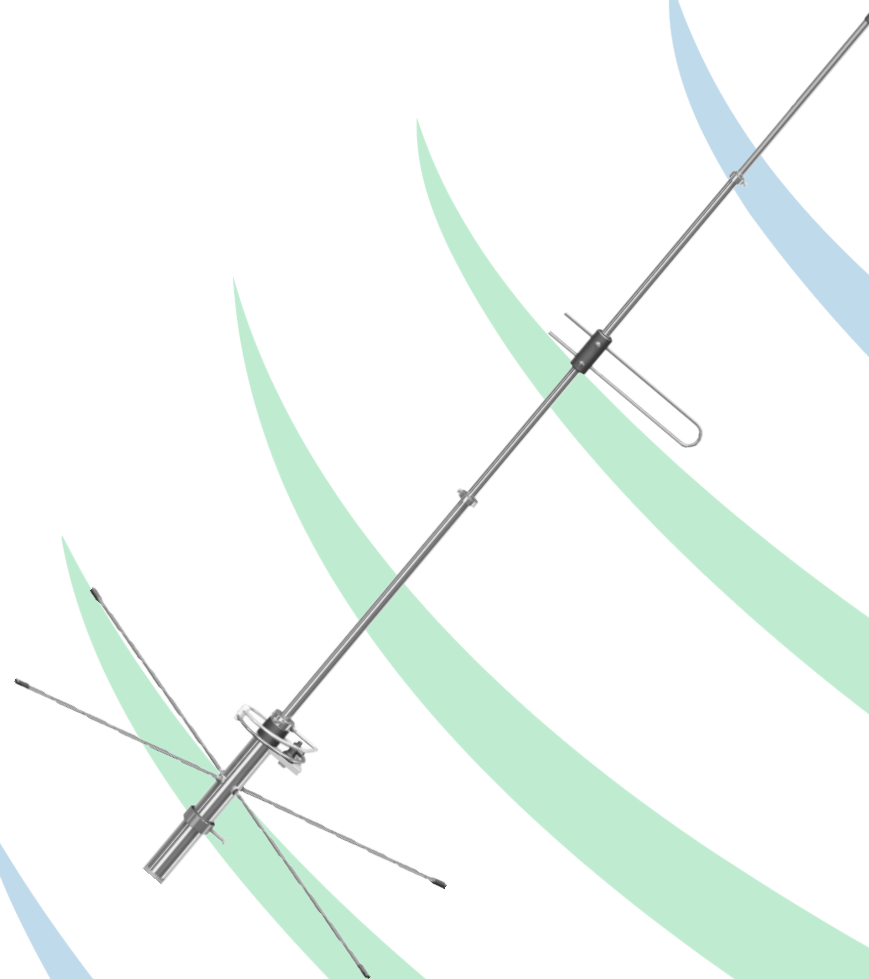


VHF BASE ANTENNA 2X5/8 WAVE GP 6 DB AVIATION

AP6249



Av. Cidade Fukuyama, 725 - CEP 19064-210 - Presidente Prudente - SP

www.steelbras.com.br



25/06/2026



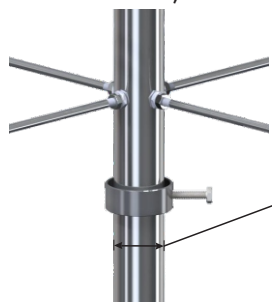
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VHF BASE ANTENNA 2X5/8 WAVE GP 6 DB AVIATION

The AP 6249 is a VHF 2x5/8 wave antenna designed to operate in the 2 meter aviation band. It is a ground-plane monopole antenna with a high-efficiency omnidirectional radiation pattern (360°) and 6dB gain. Made of high-quality aluminum, it has a STAINLESS RING at its base that allows installation on pipes from 25mm to 35mm (internal mounting). It has an international-standard "ring" coaxial connector for connection to cables fitted with male UHF connectors.

Includes connector sealing rubbers for two cable sizes: RG58 and RG213.

IMPORTANT: The measurements in the tuning table are for reference only and may vary depending on the installation site. 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.



ANTENNA MOUNTING
MAST FROM 25 TO 35MM EXTERNAL

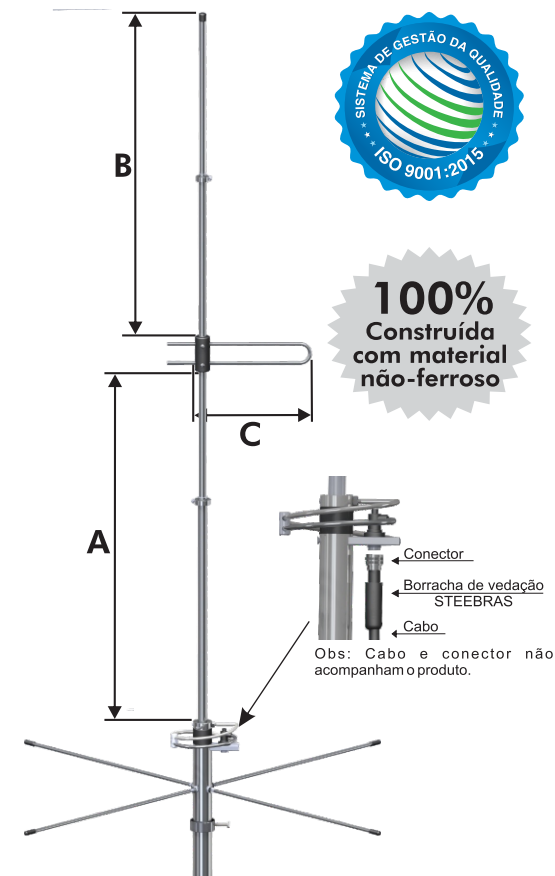
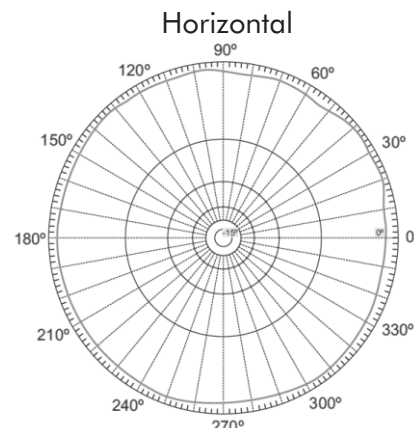
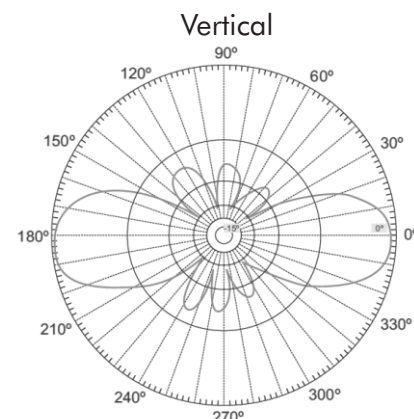
SPECIFICATIONS

FREQUENCY	108 - 148 MHz
MAXIMUM POWER	150 W
IMPEDANCE	50 Ω
VSWR	≤ 1,5:1
GAIN	8,15 dBi / 6 dB
HEIGHT	4500mm
WEIGHT	1720 g
MAXIMUM WIND	150 Km/h

CUTTING TABLE

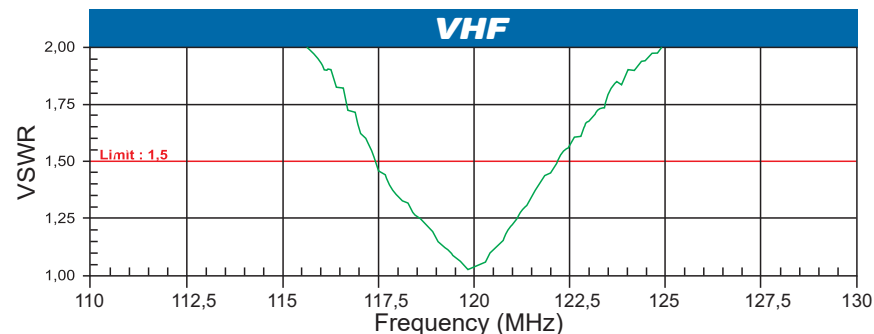
Frequency (MHz)	A (cm)	B (cm)	C (cm)
108	198	212	30,5
110	195	209	29,9
112	192	205	29,4
114	188	201	28,9
116	185	198	28,3
118	182	194	27,7
120	178	190	27,1
122	175	186	26,6
124	172	183	26,0
126	169	179	25,5
128	165	175	24,9
130	162	172	24,3
132	159	168	23,8
134	155	164	23,2
136	152	160	22,7
138	149	157	22,1
140	146	153	21,5
142	142	150	21,0
144	139	146	20,4
148	136	142	19,7

TECHNICAL DATA



100%
Construída
com material
não-ferroso

EXAMPLE: See alongside the VSWR chart of a AP6249 antenna tuned to 120 MHz.



¹Steelbras Antenas reserves the right to make technical changes to the data in its datasheets without prior notice.
²This antenna does not require ANATEL Certification and Approval, under Act No. 7280, of 26 September 2020.