

VHF MOBILE ANTENNA 1/4 WAVE SHORTENED UHF BASE 166-174 MHz

AP4949



steelbras
soluções em antenas

TECHNICAL DATA

The **AP4949** is a vertical VHF 1/4 wave mobile antenna operating from 166 to 174 MHz. It is made of high-quality zamac and UV-protected polymer, with a gold-plated center pin and a silicone washer that keeps moisture out between the connector and the antenna, and an international-standard connection for easy mounting on brackets with UHF connectors. It consists of a flexible rod covered with high-deformation rubber, with excellent sealing, allowing the equipment to work properly with greater range and ensuring better operation of all the communication system's features.

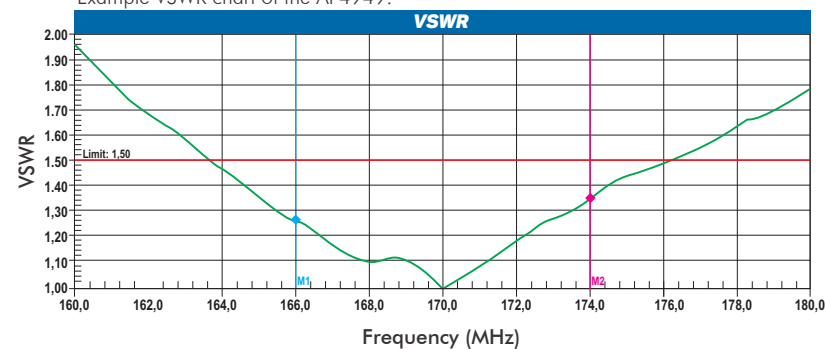


SPECIFICATIONS	
FREQUENCY	166 - 174 MHz
MAXIMUM POWER	50 W
IMPEDANCE	50 Ω
VSWR	$\leq 1,5:1$
GAIN	2,15 dBi
HEIGHT	185 mm
WEIGHT	110 g

IMPORTANT

The antenna must be installed on a flat metal 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 or 4% of the forward power.

Example VSWR chart of the AP4949.



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

ANTENNA SOLUTIONS

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