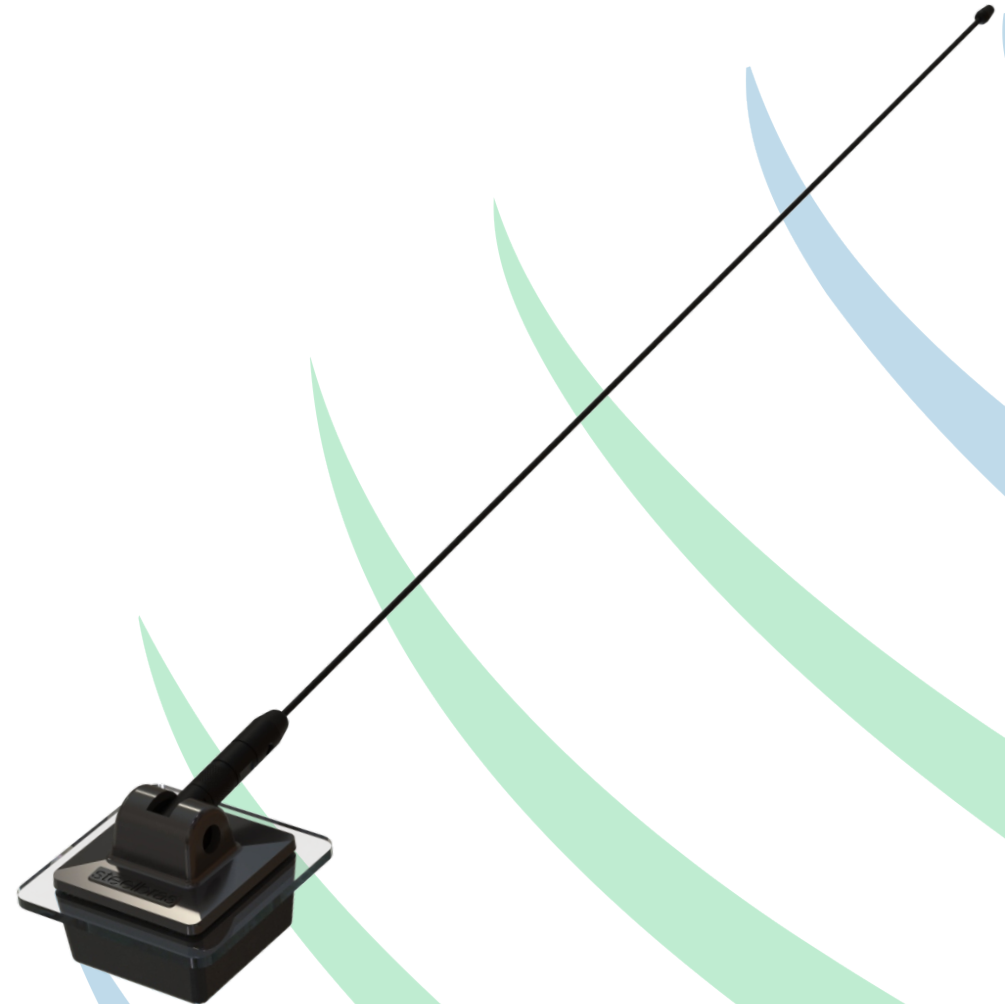


VHF MOBILE ANTENNA 1/4 WAVE ON-GLASS - EXTERNAL WHIP

AP3928



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

www.steelbras.com.br



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soluções em antenas

VHF MOBILE ANTENNA 1/4 WAVE ON-GLASS - EXTERNAL WHIP

The **AP3928** is a disguised 1/4 wave mobile antenna developed for vehicle radio communication systems in the VHF band from 148 to 174 MHz. Built with high-quality, UV-protected materials and a very discreet black design, it combines high mechanical strength with low signal loss. This antenna comes with a 58 meter RG5 cable with male mini UHF connectors for antenna and radio, which can be changed for radios with different connectors.

SPECIFICATIONS

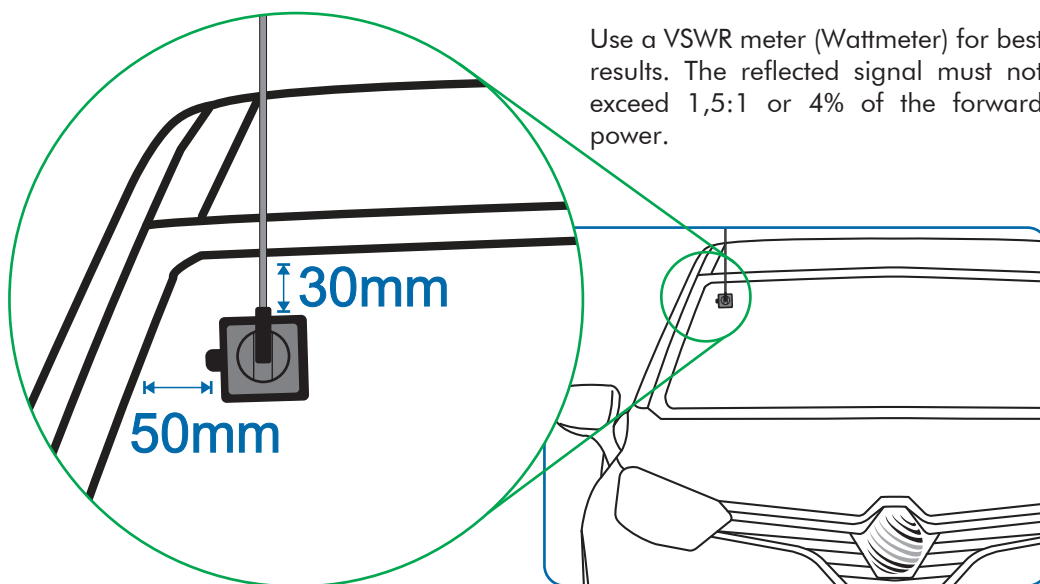
FREQUENCY	148 - 174 MHz
MAXIMUM POWER	100 W
IMPEDANCE	50 Ω
VSWR	$\leq 1,5:1$
GAIN	2,15 dBi
HEIGHT	650 mm
WEIGHT	110 g
CABLE	RG58 95% 5m
CONNECTOR	female mini UHF

IMPORTANT

For the antenna to work correctly, we recommend sticking it at least 50 mm from the car's vertical (metal) pillar and 30 mm from the horizontal one. Preferably on the passenger side, or similar locations, using the illustration below as a guide.

The grounding cable must be fastened to an existing screw on the bodywork near the antenna installation.

Use a VSWR meter (Wattmeter) for best results. The reflected signal must not exceed 1,5:1 or 4% of the forward power.



TECHNICAL DATA

IMPORTANT

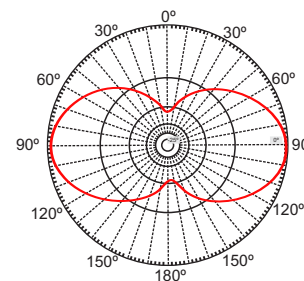
The antenna comes with double-sided adhesive tape on the back for mounting on the glass. Before mounting the antenna, make sure the glass is clean so the tape adheres better.

Access hole for frequency adjustment.

Anti-static key included with the antenna.



PATTERN OF RADIATION

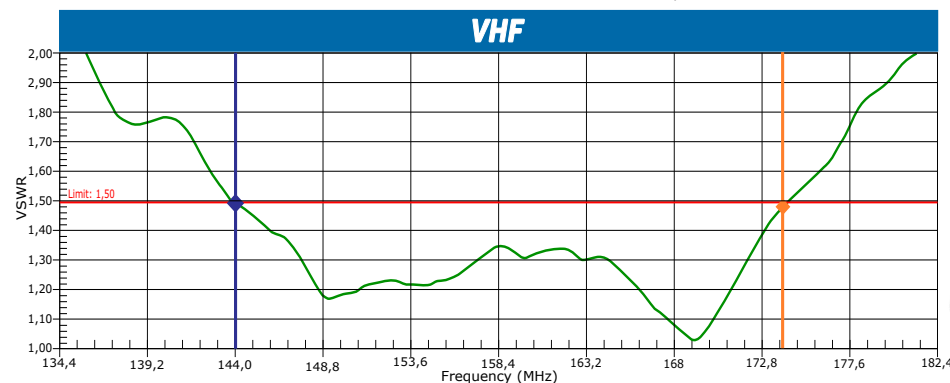


NOTE

To adjust the frequency, use a ceramic (anti-static) screwdriver or one made of an insulating material.

EXAMPLE:

See below the VSWR chart of a AP3928 antenna tuned to 160 MHz.



Steelbras Antenas reserves the right to change the technical data in its datasheets without prior notice.