

MOBILE ANTENNA 900 MHZ 2X5/8 WAVE NMO BASE

AP8251

TECHNICAL DATA

The **AP8251** is an antenna designed to operate in the 900 MHz band with 2x5/8 wave and a center coil. It is made of chrome-plated brass, stainless steel, high-quality zamac, UV-protected polymer and high-deformation rubber resistant to ozone, weather and chemicals. It uses the Whip (NMO) mounting standard and can be fitted to car roofs or similar locations whose flat metal area has a radius of at least 1/4 wave plus 5% at the frequency of interest. The spring at the base gives the assembly greater mechanical strength, providing a product with excellent cost-effectiveness.

IMPORTANT:

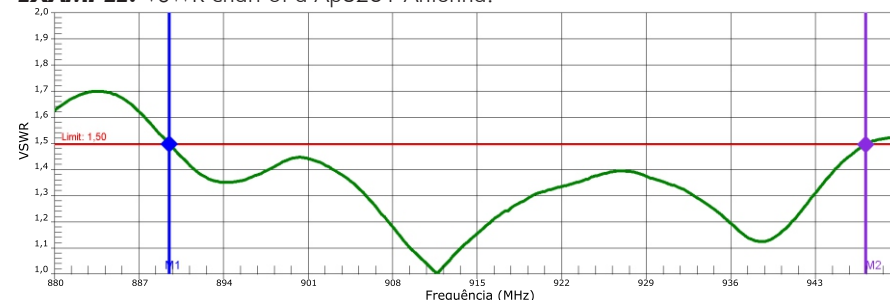
For best results, always use an SWR meter (WATTMETER). The reflected signal must not exceed 1,5:1 or 4% of the forward power.

SPECIFICATIONS

FREQUENCY	890 - 947 MHz
MAXIMUM POWER	100 W
BANDWIDTH	57 MHz
IMPEDANCE	50 Ω
VSWR	$\leq 1,5:1$
GAIN	8,15 dBi
HEIGHT	466 mm
WEIGHT	163 g



EXAMPLE: VSWR chart of a Ap8251 Antenna.



ANTENNA SOLUTIONS

AVENIDA CIDADE FUKUYAMA, 725 - CEP 19064-210 - PRESIDENTE PRUDENTE/SP
WWW.STEELBRAS.COM.BR

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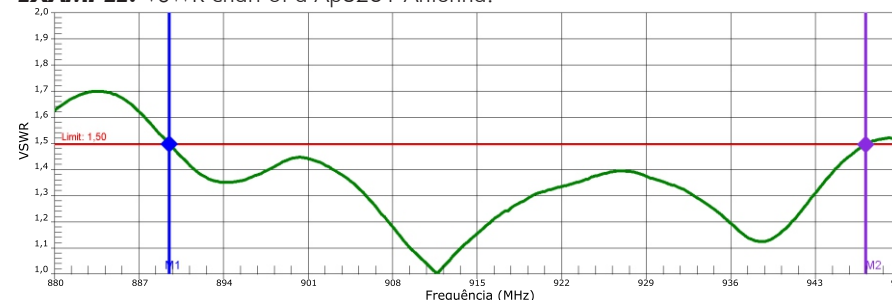
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