

**INTERNAL MOBILE ANTENNA
UHF 380-400 MHZ**

AP3930



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INTERNAL MOBILE ANTENNA

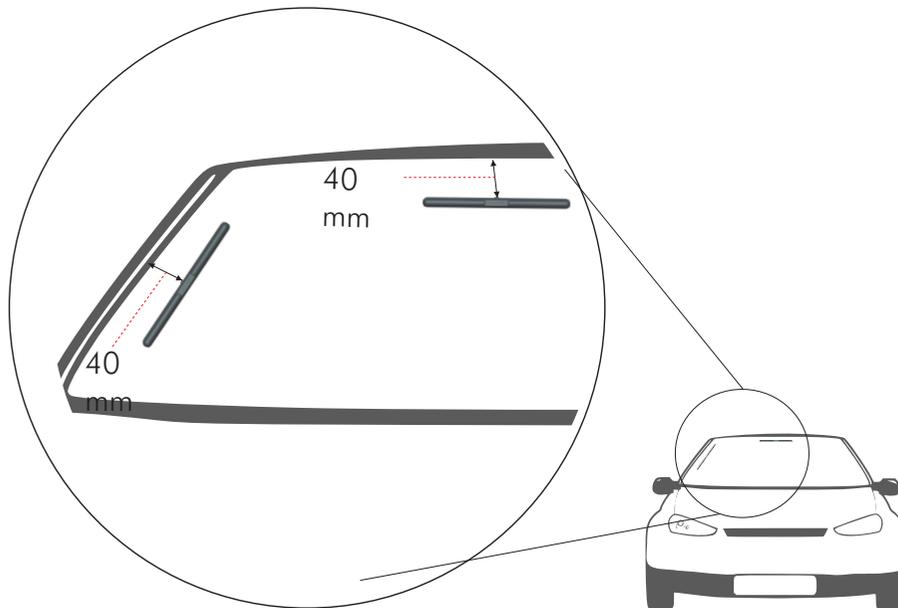
UHF 380-400 MHz

TECHNICAL DATA

AP3930 is a mobile 1/2 wave internal antenna dipole type for UHF. It is built with a high quality injected ABS cover and printed circuit board. It has a 5-meter-long RG 58 coaxial cable with a male BNC connector, providing excellent performance and electrical stability. The antenna is designed for internal application on vehicle windshields and its central frequency is 390 MHz with a VSWR of 2 or less,

IMPORTANT

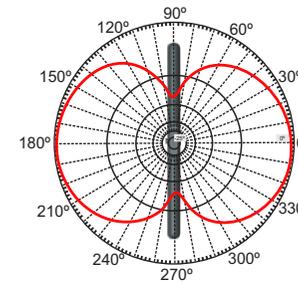
For more efficiency, the antenna must be glued at a minimum distance of 40 mm from the vertical or horizontal metal column (upper part) of the vehicle. Preferably, it should be placed next to the passenger, as shown in the image below.



INSTALLATION INSTRUCTIONS

- 1) - First, run the cables along the inside edges of the vehicle, so that moving the cable does not generate oscillations in the antenna's VSWR;
- 2) - Clean the application area with isopropyl alcohol to ensure the best possible adhesion of the double-sided tape;
- 3) - With the cable in place, position the antenna using the VSWR meter to choose the best position, ensuring full antenna performance.

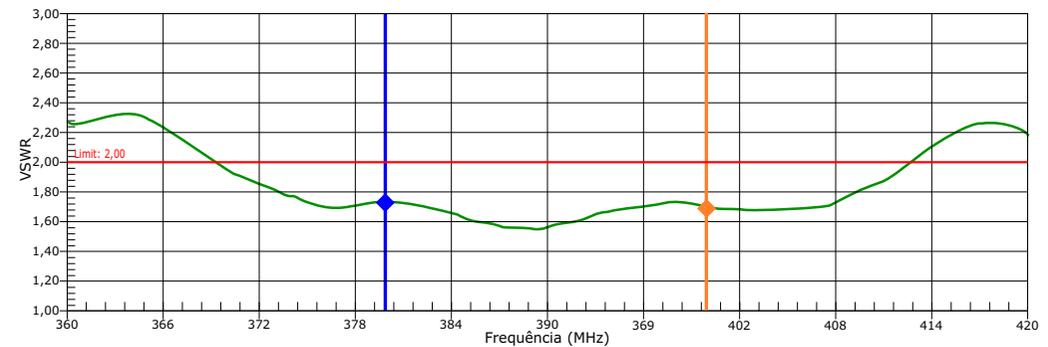
The antenna has double-sided adhesive tape on the back for attachment to the glass. Before attaching the antenna, make sure that the glass is clean so that the adhesive tape provides better adhesion.



SPECIFICATIONS

FREQUENCY	380 - 400 MHz
MAXIMUM POWER	40 W
IMPEDANCE	50 Ω
VSWR	≤ 2,0:1
GAIN	2,15 dBi
LENGTH	330 mm
WIDTH	21,5 mm
HEIGHT	14 mm
WEIGHT	248 g
CABLE	RG 58 95% 5m
CONNECTOR	BNC Male

EXAMPLE: VSWR Chart of the AP3930 Antenna.



IMPORTANT: To achieve the best result, use a VSWR meter.