

**FIXED UHF DISGUISED MOBILE ANTENNA
5/8 WAVE 800 MHZ BNC + GPS**

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soluções em antenas

FIXED UHF DISGUISED MOBILE ANTENNA

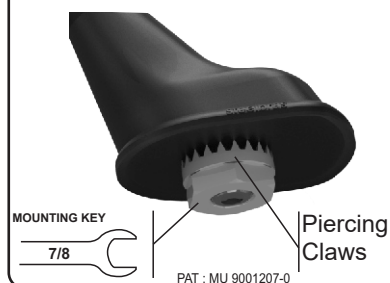
5/8 WAVE 800 MHZ BNC + GPS

This disguised antenna was designed to operate as a mobile radio transceiver station at frequencies from 820 to 870 MHz, for use on unmarked vehicles that must not be recognized as using a radio communication antenna. Discreet, with a design similar to FM antennas but with high efficiency in RF transmission and reception. It has a high-deformation sealing rubber resistant to ozone, weather and chemicals, and gold-plated internal components. If the vehicle already has an FM antenna hole, it can be installed in the same spot using the existing hole. With the spring, the assembly gains greater mechanical strength, avoiding damage under severe use and delivering excellent cost-effectiveness.

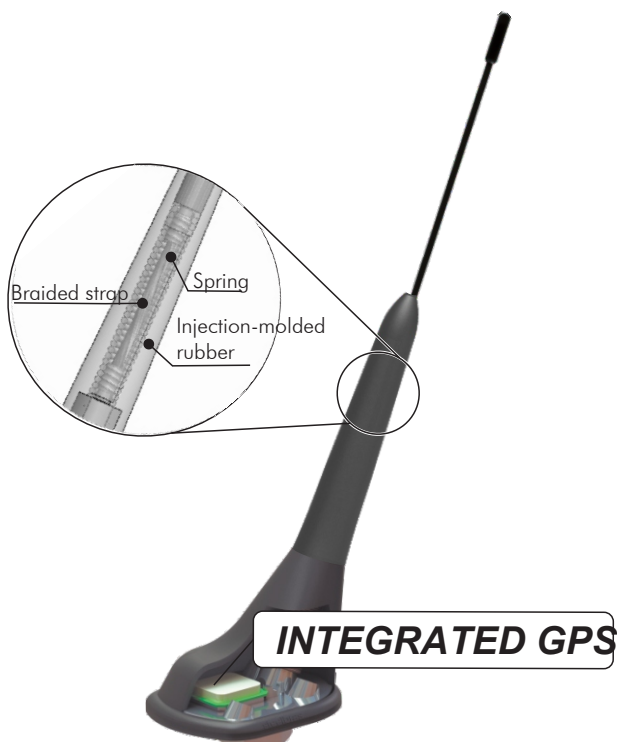
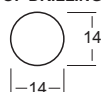
GARRAS PERFURANTES

(Patented)

The exclusive piercing-claw system makes installation easier on vehicles with sheet metal up to 1,5 mm that have thermal, acoustic or structural roof lining, with no need for scraping to obtain the grounding required for proper operation.



ROOF DRILLING



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

TECHNICAL DATA

IMPORTANT: 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 a VSWR meter (WATTMETER). We recommend a VSWR less than or equal to 1,5:1 and reflected power less than or equal to 4%. VSWR may vary by up to 10%, resulting in 1,65:1, without affecting system performance.

SPECIFICATIONS

RF

FREQUENCY	820 - 870 MHz
MAXIMUM POWER	100 W
IMPEDANCE	50 Ω
VSWR	$\leq 1,5:1$
GAIN	5,15 dBi
HEIGHT	240 mm
WEIGHT	400 g
CONNECTOR	MALE BNC

GPS

FREQUENCY	1575,42 ± 3 MHz
MAXIMUM POWER	2,2 - 5V
VSWR	$\leq 1,5:1$
IMPEDANCE	50 Ω
LNA GAIN	28 dB
CURRENT	5 - 15 mA
CONNECTOR	MALE SMA

