

GPS MOBILE ANTENNA ROUND BASE WITH 5M CABLE - MALE SMA

AP20007



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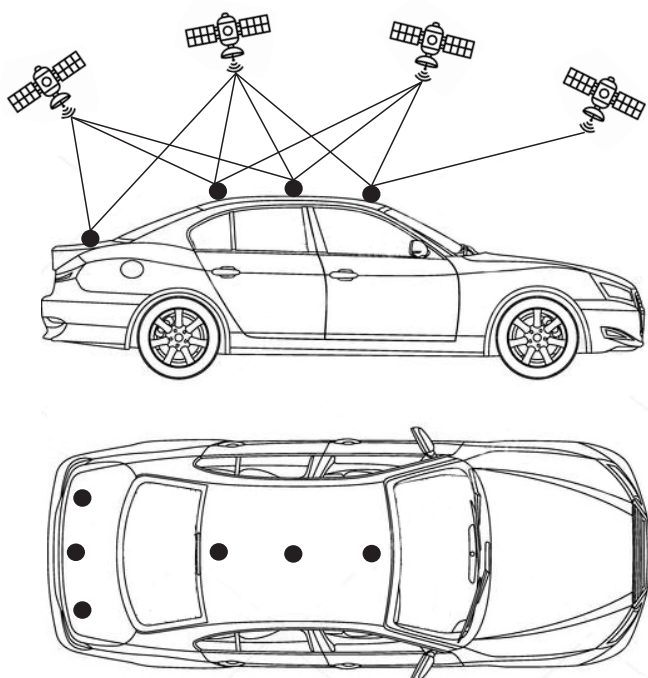


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The **AP20007** is a GPS mobile antenna designed to be installed on vehicle roofs where it must be bolted in place. It has a high-tack sealing adhesive to prevent leaks and help secure it; the hole required for installation must be 10mm in diameter. It is essential for equipment with a Geographic Positioning System and comes with RG-174 cable.

Below are some examples of locations for installing the GPS Antenna.



Note that the antenna always points to the sky, because GPS satellites are in orbit and not on towers or buildings (as commonly seen with Telephone, TV, FM antennas and others).

TECHNICAL DATA

Electrical Characteristics

SPECIFICATIONS	
CENTER FREQUENCY	1575,42 MHz $\pm$ 3 MHz
VSWR	$\leq 1,5:1$ with bandwidth ± 5 MHz 50 Ω
IMPEDANCE	
POLARIZATION	RHCP
LNA GAIN	28 $\pm$ 2 dB
TYPICAL NOISE	1,5 dB
DC VOLTAGE	2,2 ~ 2 V
DC CURRENT	5 ~ 15 mA
CABLE	RG174 5M
CONNECTOR	Straight Male SMA
OPERATING TEMPERATURE	-40 $^{\circ}$ C ~ +85 $^{\circ}$ C
HUMIDITY	55% ~ 75% RH - (IP-67)
WEIGHT	0,0955 Kg
DIMENSIONS	49x20mm
ASSEMBLY	Drilling

