

GPS

Magnetic Mount GPS Antenna

v.2 02/08/2016

GPSME

Active GPS element

Magnetic fixing for easy installation & removal

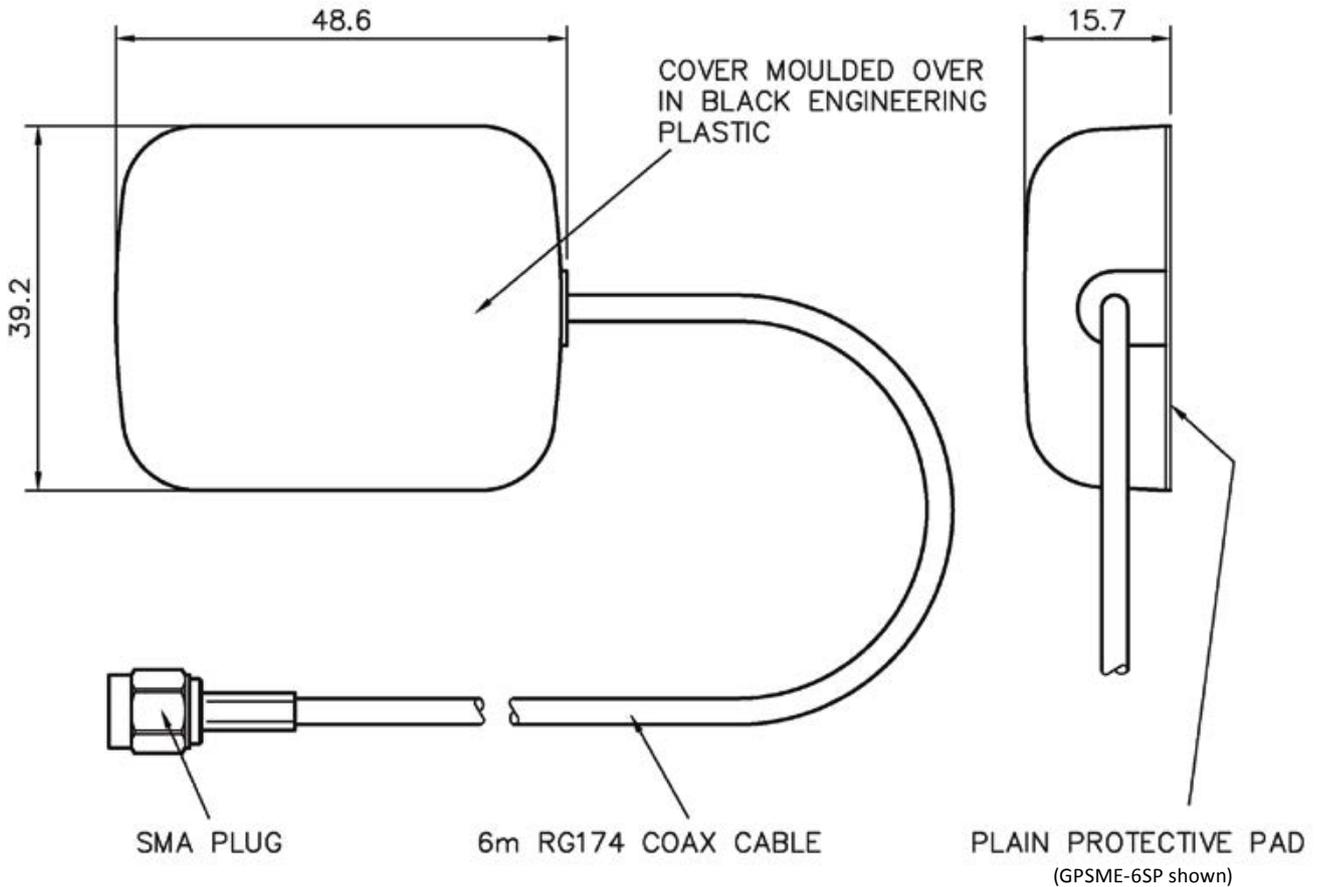
26dB LNA gain



The GPSME magnetic mount provides high performance GPS in a discreet, low profile housing. With a magnetic base the GPSME is easy to install, remove or reposition without any damage to the vehicle. The strong magnet holds the GPSME securely in place, ensuring that you get the best GPS coverage all the time.

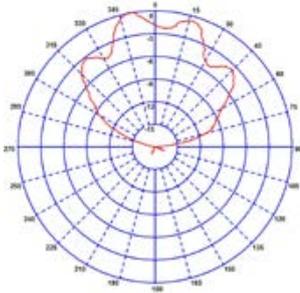
The antenna comes with 6m of high quality coaxial cable and connectors are available to suit all GPS applications.

Technical Drawing



Magnetic Mount GPS Antenna

Typical E-Plane (GPS)



Part No.		GPSME-6SP	GPSME-6FP	GPSME-6SMCP
Electrical Data				
Frequency Range (MHz)		1575		
VSWR		<2.0:1 @ 1575MHz ± 4MHz		
Peak Gain (LNA)		26dB		
Polarisation		Right Hand Circular		
Operating Voltage		3-5V DC (fed via coax)		
Current (Typical)		15mA		
Impedance		50Ω		
Mechanical Data				
Dimensions (mm)	Length	48.6 (1.9")		
	Height	15.7 (0.6")		
	Width	39.2 (1.5")		
Operating Temp (°C)		-40°/+80°C (-40°/176°F)		
Material		ABS		
Colour		Black		
Mounting Data				
Fixing		Magnetic mount		
Termination Data				
Type		RG174		
Diameter (mm)		3 (0.1")		
Length (m)		6 (19.6")		
Termination		SMA Plug†	FME Plug†	SMC Plug†

† Other connectors available

Panorama Antennas Ltd
Frogmore, London, SW18 1HF, United Kingdom

T: +44 (0)20 8877 4444
F: +44 (0)20 8877 4477

E: sales@panorama-antennas.com
www.panorama-antennas.com

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