

Magnetic Mount GPS/GNSS Antenna

GPSME



GPSME

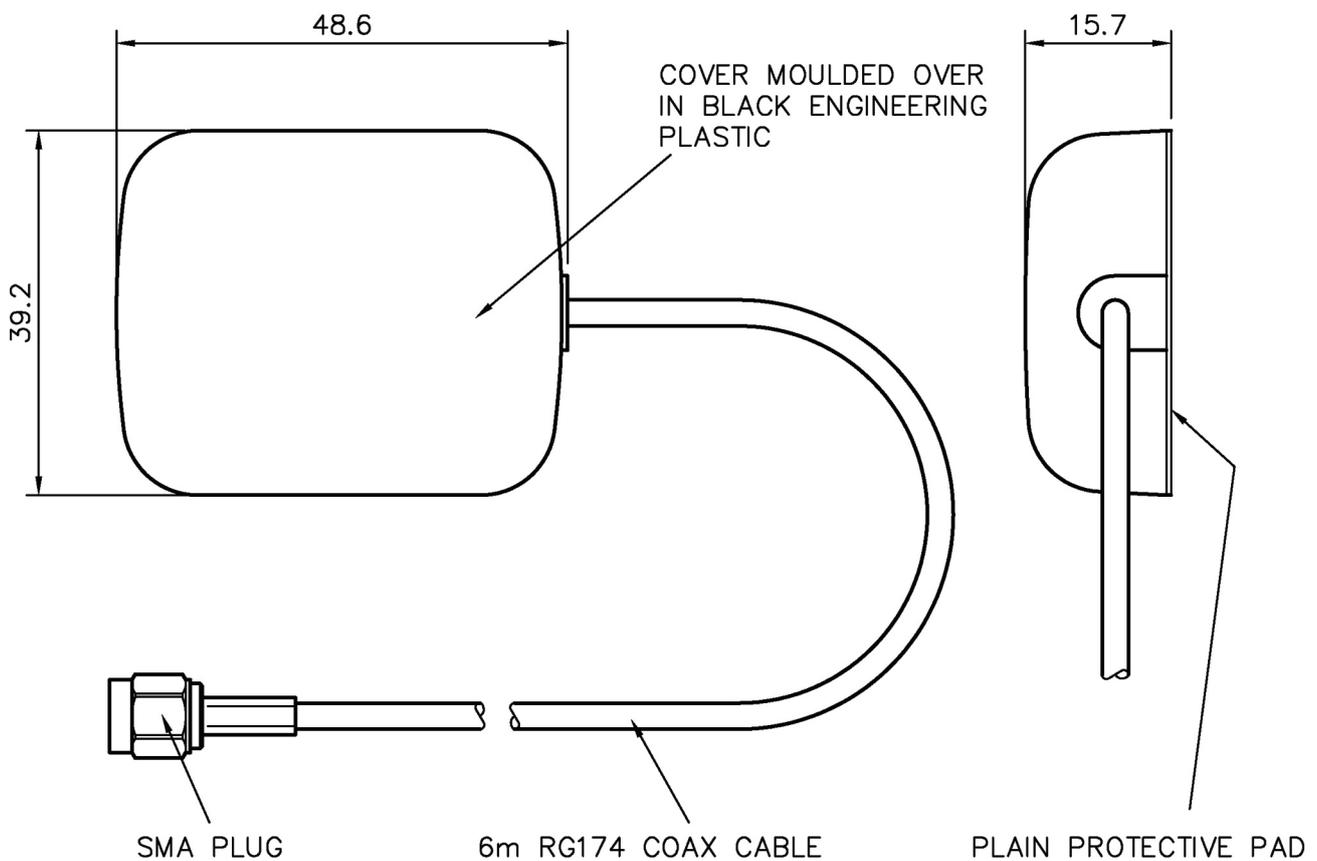
- Magnetic mounting
- Active GPS/GNSS element
- 30dB LNA gain

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

The antenna is supplied with 6m length of high quality RG174 coaxial cable and a variety of connector types are available to suit many GPS/GNSS applications.

Technical Drawing

GPSME-6SP Shown



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GPSME

Product Data

Part No.	GPSME-6SP	GPSME-6FP	GPSME-6SMCP
Electrical Data			
Frequency Range (MHz)	1562-1612		
VSWR	<2.0:1 @ 1575MHz ± 4MHz		
Peak Gain (LNA)	30dB		
Polarisation	Right Hand Circular		
Operating Voltage	3-5V DC (fed via coax)		
Current	<20mA		
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

Typical E-Plane (GPS)

