

# $\overline{\mathrm{GPS}}$

## Covert Mount Antenna

15/04/2014 V1

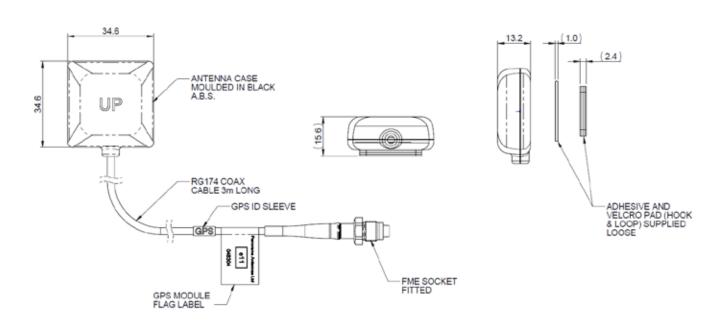


### **GPSSV-VAR**

Excellent performance
Active GPS element
Adhesive and hook & loop pad mounting options

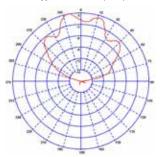
The GPSSV range of antennas offer excellent GPS coverage in a simple compact design. Each kit comes complete with both adhesive pad mount for a secure installation in almost any location and hook and loop pads for temporary fixing. A range of terminations are available to fit your application.

#### Technical Drawing





#### Typical E-Plane (GPS)



Part No.					
		GPSSV-3F	GPSSV-3SMCP	GPSSV-3SMAP	
Electrical Data					
Frequency Range (MHz)			1575		
VSWR			<2.0:1 @ 1575MHz ± 4MHz		
Gain: LNA			26dB		
Polarisation			Right Hand Circular		
Operating Voltage			3 - 5V DC (fed via coax)		
Current (Typical)			15mA		
Impedance			50Ω		
GPS Approvals		EN 301 489-1 V1	EN 301 489-1 V1.8.1 (2008-04), EN 300 440-1 V1.6.1 (2010-08), EN60950-1		
Automotive Type Approval			E11 - 048304		
Mechanical Data					
Dimensions (mm)	Length		34.6 (1.36")		
	Height		13.2 (0.5")		
	Width	34.6 (1.36")			
Operating Temp (°C)			-40°/+80°C (-40°/+176°F)		
Material			ABS		
Colour			Black		
Mounting Data					
Fixing			Adhesive pad/hook & loop		
Termination Data					
Туре			RG174		
Diameter (mm)			2.5 (0.09")		
Length (m)			3 (9' 10")		
Termination		FME Socket	SMC Plug	SMA Plug	



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