

Flexible UHF whip

AFGB-VAR [UHF]

15/01/2016 v2

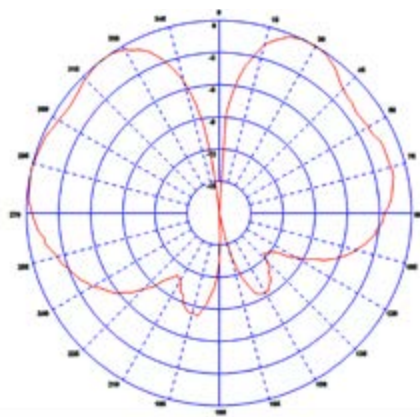


- 5dBi peak gain
- Flexible overmoulded construction

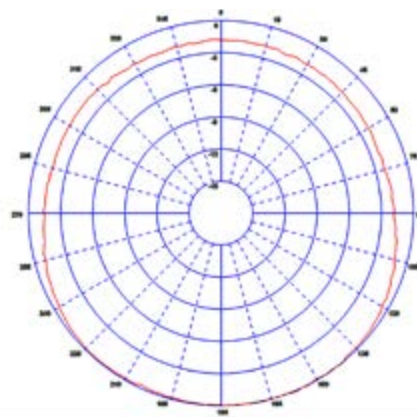
The AFGB range offers omni-directional performance with a peak gain of 5dB. The antenna whip is styled like an OEM 'bee-sting' type antenna and is both discrete and durable featuring an overmoulded coil and stainless steel rod.

The antenna is flexible for added damage resistance and can be mounted on a range of Panorama GPS combination bases such as the GPSB and GPSK.

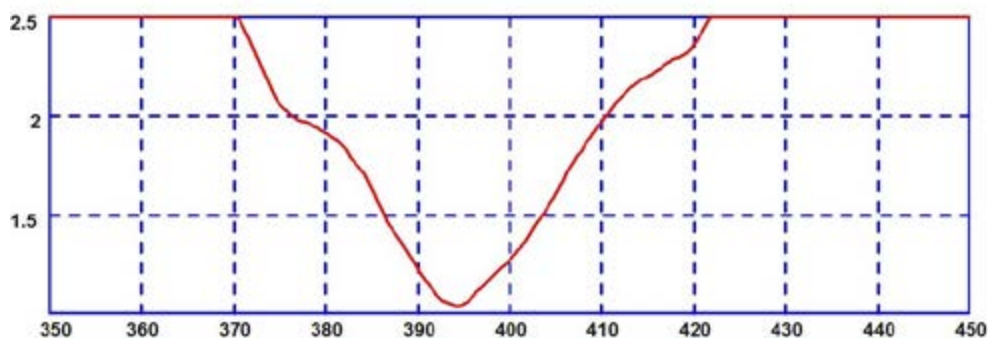
Typical E-Plane (395MHz)



Typical H-Plane (395MHz)

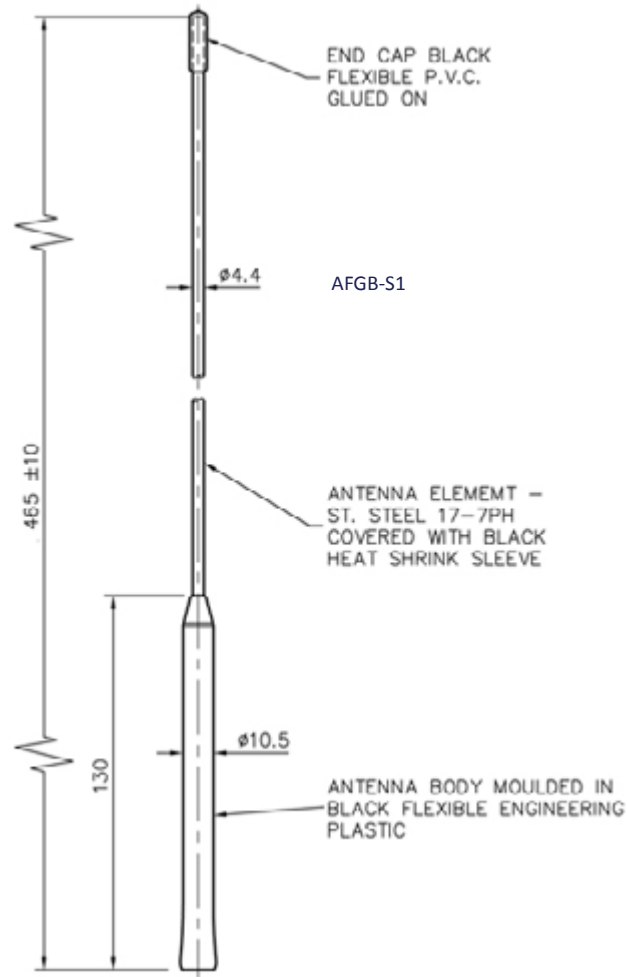


Typical VSWR*



*Shown mounted on an AFGB-395 on a GPSK with 2 x 2 ft (600mm x 600mm) ground plane with 3m(10') of CS23 cable

Technical Specification



Part Number					
		AFGB-S1	AFGB-395	AFGB-S2	AFGB-S4
Electrical Data					
Frequency Range (MHz)		380-400	380-410	410-430	450-470
Operational Band		S1	S1+	S2	S4
Peak Gain: Isotropic			5dBi		
Compared to ¼ wave			3dB		
Typical VSWR			≤ 2:1		
Polarisation			Vertical		
Pattern			Omni-directional		
Impedance			50Ω		
Max Input Power (W)			60		
Mechanical Data					
Dimensions (mm)	Total Height	465(18.3")	450 (17.7")	417 (16.4")	370(14.5")
	Base Diameter	10.5 (0.4")	10.5 (0.4")	10.5 (0.4")	10.5 (0.4")
Operating Temp (°C)			-40° / +80°C (-40° / 176°F)		
Material			Stainless steel & TPE		
Colour			Black		
Termination			M6 x 0.75		



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