

# Flexible UHF whip

AFGB-VAR [UHF]

15/01/2016 v2

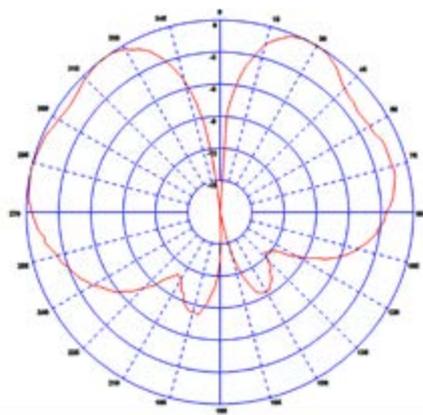


- 5dBi peak gain
- Flexible overmoulded construction

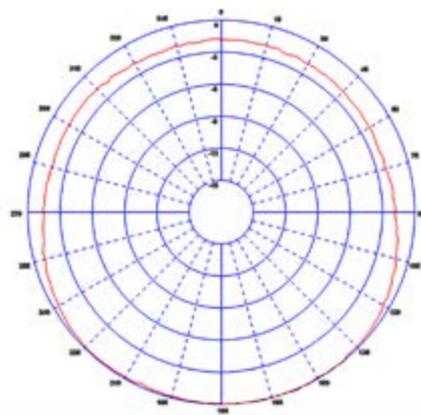
The AFGB range offers omni-directional performance with a peak gain of 5dB. The antenna whip is styled like an OEM 'bee-sting' type antenna and is both discrete and durable featuring an overmoulded coil and stainless steel rod.

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.

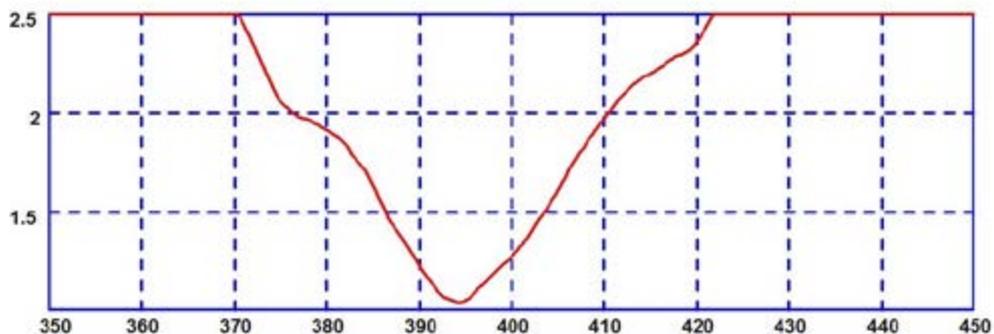
Typical E-Plane (395MHz)



Typical H-Plane (395MHz)

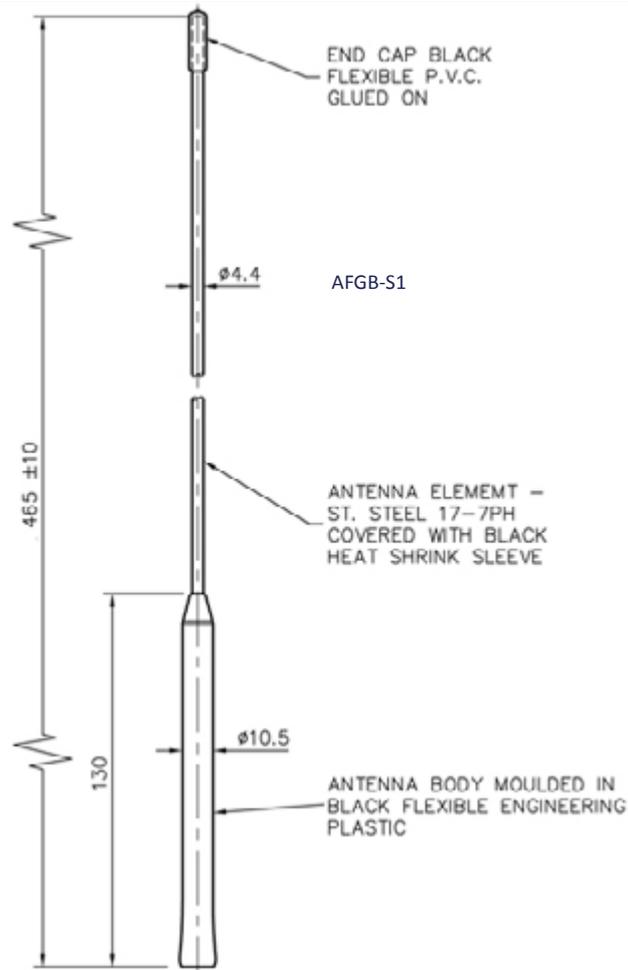


Typical VSWR\*



\*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
<b>Electrical Data</b>					
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		
<b>Mechanical Data</b>					
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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