



AFGB-[UHF]

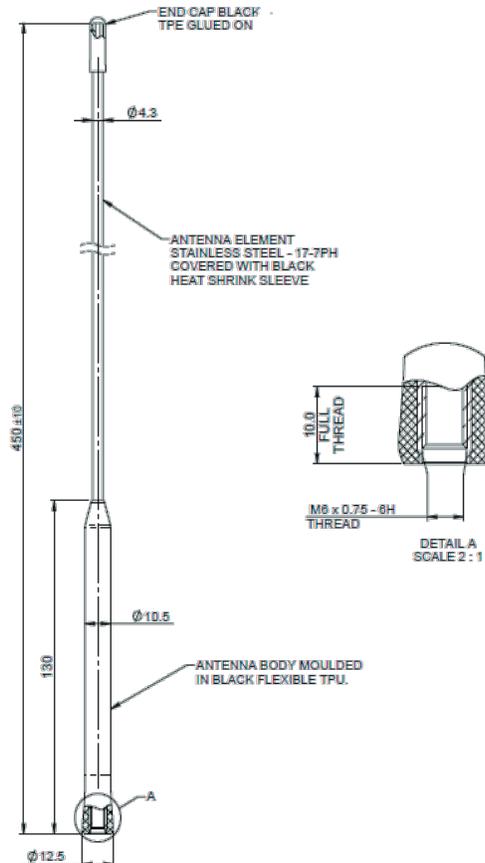
- OEM bee-sting style
- Flexible overmoulded construction
- High peak gain

The AFGB range offers omni-directional performance with peak gain higher than a 1/4 wave at key UHF frequencies. 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, GPSD and GPSK.

Technical Drawing

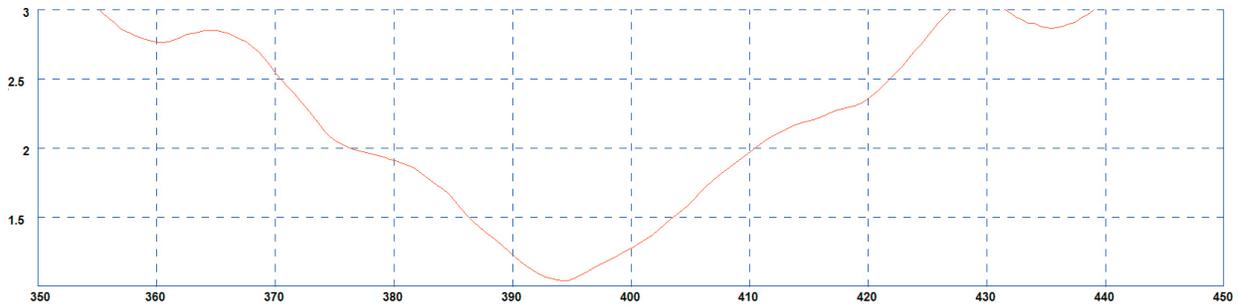
Part No. AFGB-395 Shown



Flexible Gain UHF Antenna AFGB-[UHF]

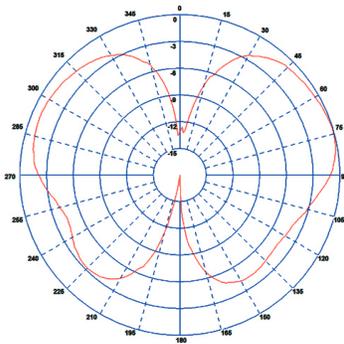
Product Data

Typical VSWR*

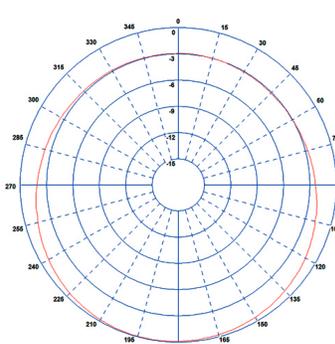


*Measured on a 1m x 1m (3ft x 3ft) ground plane with 5m (17') of CS23 cable

Typical E-Plane (395MHz)



Typical H-Plane (395MHz)



Part Number					
	AFGB-395	AFGB-S1	AFGB-S2	AFGB-S4	
Electrical Data					
Frequency Range (MHz)	380-410	380-400	410-430	450-470	
Operational Band	S1+	S1	S2	S4	
Typical Peak Gain:**	3dBq	3dBq	3dBq	3dBq	
Typical VSWR*	< 2:1				
Polarisation	Vertical				
Pattern	Omni-directional				
Nominal Impedance	50Ω				
Max Input Power (W)	60				
Mechanical Data					
Dimensions (mm)	Total Height	450 (17.7")	455 (17.9")	417 (16.4")	370 (14.56")
	Base Diameter	10.5 (0.4")			
Operating Temp (°C)	-40° / +80°C (-40° / 176°F)				
Material	Stainless Steel & TPE				
Colour	Black				
Termination	M6 x 0.75				

*Typical VSWR measured with 5m (17') of CS23 Cable

**Gain figures quoted are for the AFGB type antenna, compared to a 1/4λ antenna, mounted on the same base configuration