

# Flexible VHF 1/4 Wave Whip

AFBQ-[VAR]



## Rugged Whip

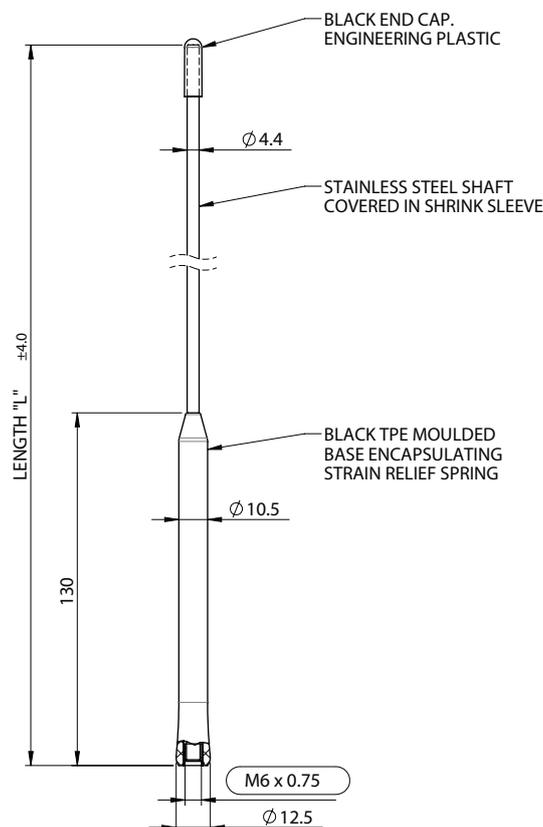
- Resilient rigid whip
- Shock spring base moulding
- Removable for car wash or low clearance

This antenna features a resilient rigid stainless steel shaft within a shrink sleeve and polyolefin heatshrink tubing. This provides damage resistance without compromising RF performance. The attractive 'Sportflex' styled base is robust while incorporating a shockspring.

The Panorama mounting system provides a high degree of interchangeability between whips and bases, making them suitable for all applications whether temporary or permanent.

The AFBQ range is suitable for use with all Panorama GPS combination and medium duty magnetic bases (MD range). Electrically the same as standard VHF 1/4 wave, the AFQB can be tuned to any VHF frequency.

## Technical Drawing



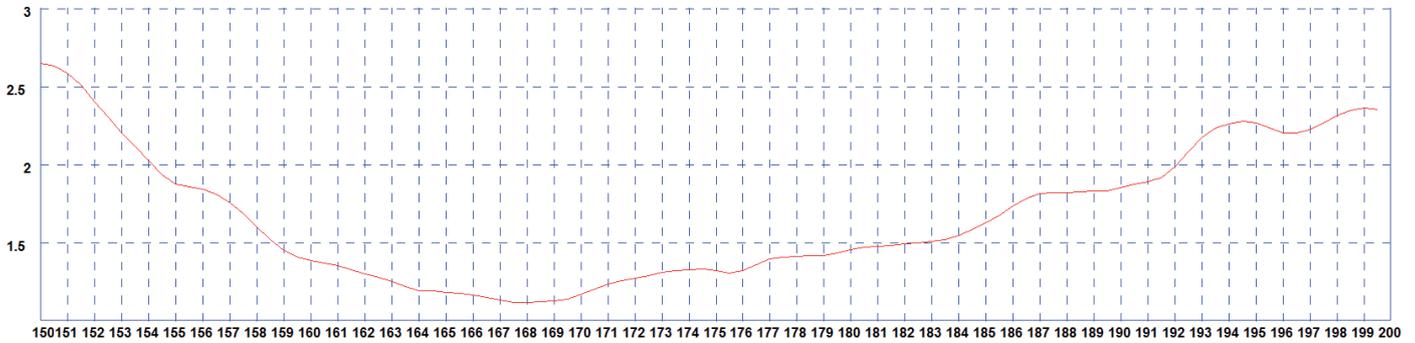
# Flexible VHF 1/4 Wave Whip

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Product Data

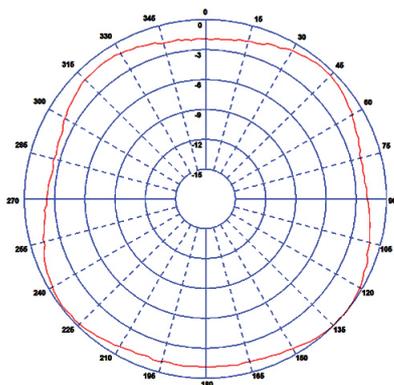
Part No.	AFBQ-H4A	AFBQ-H6A
<b>Electrical Data</b>		
Frequency Range	138-155MHz	155-174MHz
Peak Gain at Horizon (Isotropic) *		2dBi
Compared to 1/4 wave		0dB
Pattern		Omni-directional
Impedance		50Ω
Max Input Power (W)		100
<b>Mechanical Data</b>		
Dimensions		
Height	484mm (19.05")	429mm (16.88")
Diameter		12.5mm (0.49")
Operating Temp		-40°/+80°C (-40°/176°F)
Material		TPE
Colour		Black
<b>Mounting Data</b>		
Mounting type	M6 x 0.75 (GPSB, GPSD, GPSK & MD bases)	

Typical VSWR

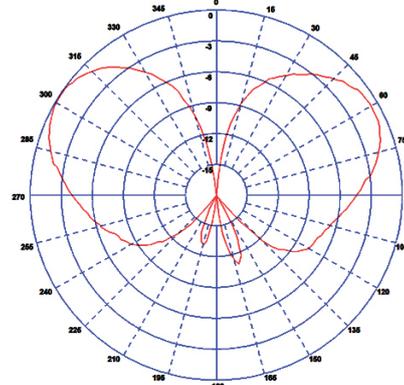


\*measured on a GPSK base with 5m (16') CS23 cable on a 1.5x1.5m (5x5') ground plane .

Typical H-Plane (168MHz)



Typical E-Plane (168MHz)



\* Peak gain measured on a 600x600mm groundplane excluding cable loss.