

Flexible 1/4 Wave Whip

AFM - [UHF]



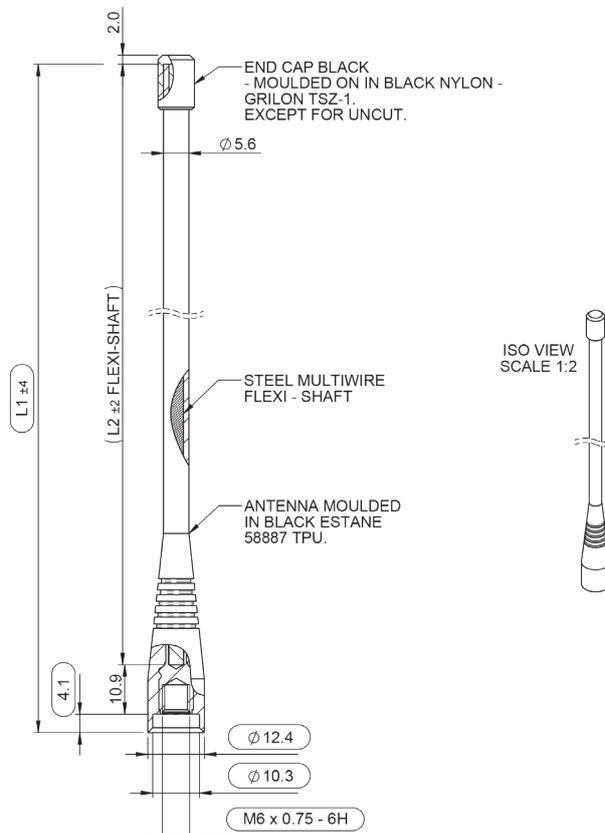
- Flexible 1/4 wave whip
- Tough, flexible TPU Jacket
- Tunable to UHF frequencies

This 1/4 wave antenna features a flexible fully overmoulded construction with a tough TPU jacket. The design provides damage resistance without compromising RF performance.

The AFM range is designed for use with Panorama GPS combination bases like the GPSB, GPSK and GPSD.

Technical Drawing

AFM - [VAR] Shown



Product Data

Part No.

	AFM-S1	AFM-S2	AFM-TET	AFM-S4	AFM-U1	AFM-U2
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Electrical Data

Frequency Range (MHz)	380-400	410-430	380-430	450-470	410-470	450-520
Peak Gain†	2dBi					
Compared to 1/4 wave	0dB					
Polarisation	Vertical					
Pattern	Omni-directional					
Impedance	50Ω					
Max Input Power (W)	100					

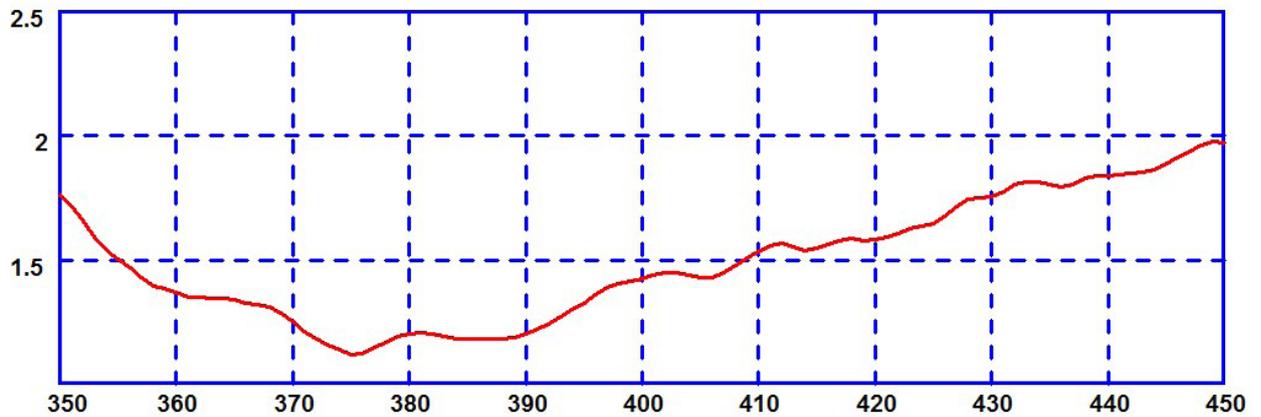
Mechanical Data

Dimensions (mm)	Height	162 (6.4")	154 (6.1")	160 (6.3")	136 (5.35")	146(5.7")	129 (5.1")
	Diameter	12.4(0.5")					
Operating Temp (°C)	-40° / +80°C (-40° / 176°F)						
Material	Stranded speedo cable & TPU						
Colour	Black						

Mounting Data

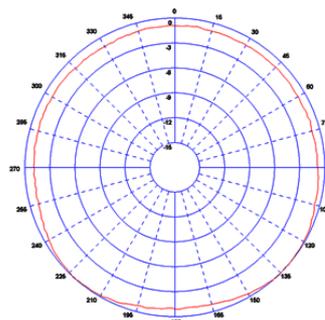
Fixing	M6 x 0.75 (GPSB, GPSK & GPSD bases)
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Product Data



* VSWR shown is AFM-S1 on a 1m x 1m (3.3'x3.3') ground plane with 5m (16.4') of CS23 (RG58 c/u) cable

Typical H-Plane (390MHz)



Typical E-Plane (390MHz)

