

Flexible 1/4 Wave Whip

AFM[W]-835

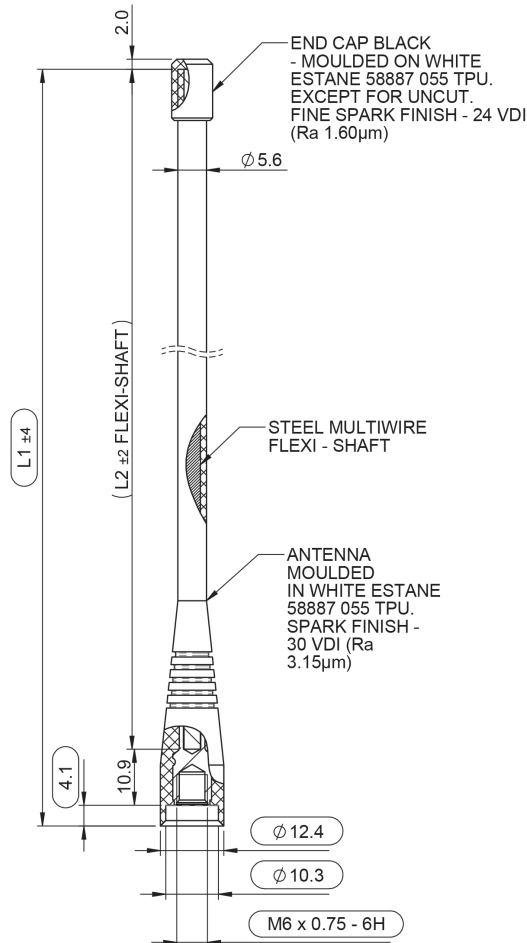


- Flexible 1/4 wave whip
- Tough, flexible TPU Jacket
- Tuned to 762-870MHz

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 product is available in black (AFM) and white (AFMW).

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

Technical Drawing



Flexible 1/4 Wave Whip

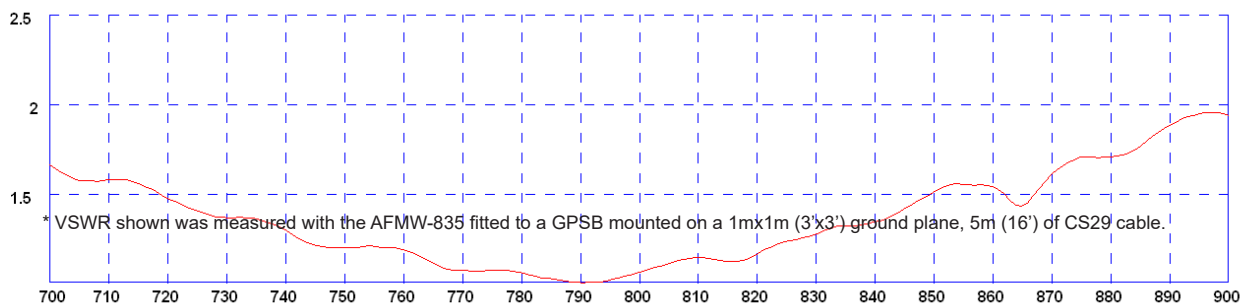
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Product Data

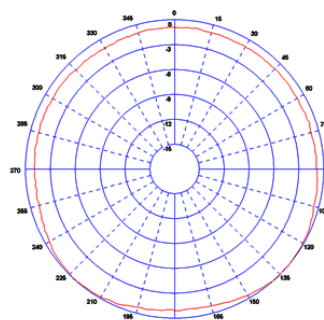
Part No.		AFMW-835	AFM-835
Electrical Data			
Frequency Range (MHz)		762-870	
Peak Gain†		2dBi	
Compared to 1/4 wave		0dB	
Polarisation		Vertical	
Pattern		Omni-directional	
Impedance		50Ω	
Max Input Power (W)		100	
Mechanical Data			
Dimensions (mm)	Height	82 (3.22")	
	Diameter	12.4(0.48")	
Operating Temp (°C)		-40° / +80°C (-40° / 176°F)	
Material		Stranded speed cable & TPU	
Colour		White	Black
Mounting Data			
Fixing		M6 x 0.75 (GPSB, GPSK & GPSD bases)	

†Peak gain at horizon excluding cable loss etc.

Typical VSWR*



Typical H-Plane (800MHz)



Typical E-Plane (800MHz)

