

# Product Data Sheet

Dual Band VHF + UHF whip

C/Note	Doc Issue	Date	Approval
01019	3	18/01/2016	J.J.

# Modular Whips

## Dual Band VHF + UHF



### AQHB-H5-6-7-S1-440 (M8/MMR/MBM base) AS-H5-6-7-S1-440 (GPSB base)

Dual Band VHF/2m + TETRA/UHF

Versions for Modular stud and GPSB base

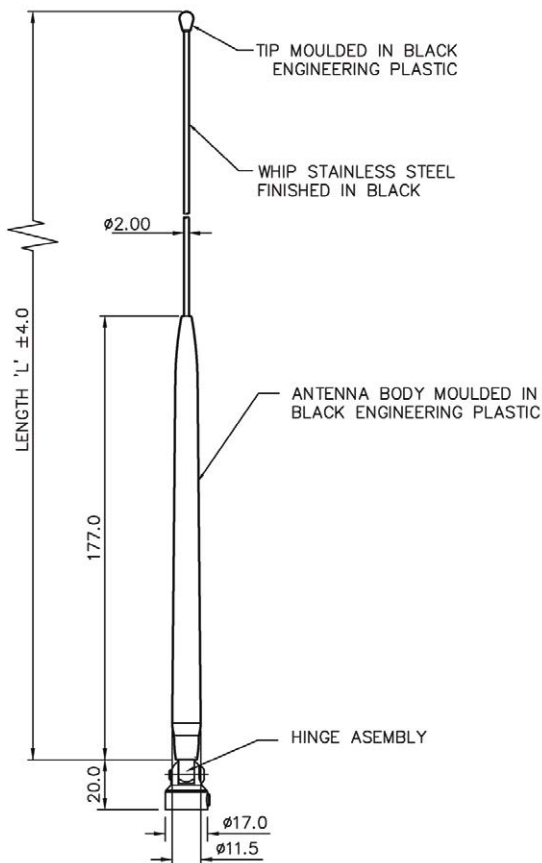
Dual band VHF+UHF antenna which has resonance on each band – no matching required.

Can be used with a dual band radio with single antenna connector or separate VHF & UHF radios using Panorama DPX-210-270 VHF/UHF diplexer.

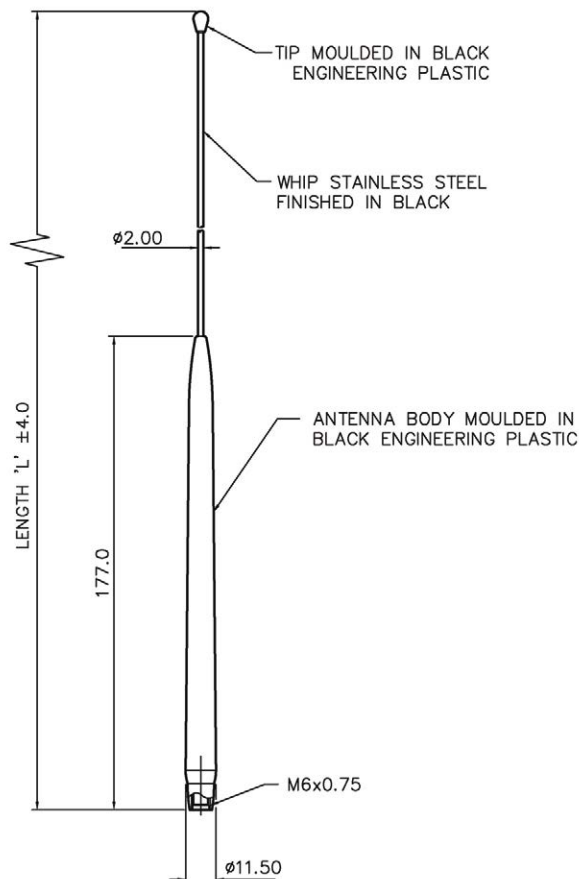
The antenna offers true  $\frac{1}{4}$  wave performance on each band and features an overmoulded lower section for long term reliability.

#### Technical Drawing

AQHB-H5-6-7-S1-440



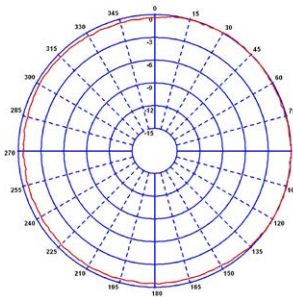
AS-H5-6-7-S1-440



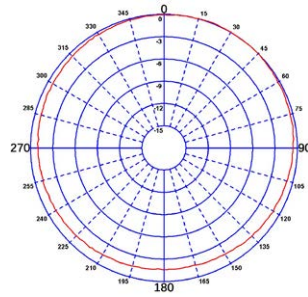
# Modular Whips

## Dual Band VHF + UHF

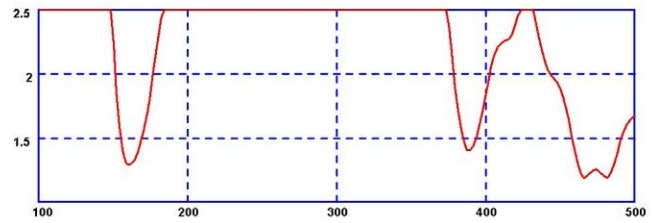
Typical H-Plane (170MHz)



Typical H-Plane (390MHz)



Typical VSWR\*



\*measured on a 1m x 1m (3' x 3') groundplane with 5m (17') of CS23 cable

	Antenna for M8 base	Antenna for GPSB base
Part No.		
	AQHB-H5-6-7-S1-440	AS-H5-6-7-S1-440
Electrical Data		
Frequency Range (MHz)	148-174 & 380-400 & 430-450	
Gain: Isotropic	2dBi (both bands)	
Compared to ¼ wave	0dB (both bands)	
Polarisation	Vertical	
Pattern	Omni-directional	
Impedance	50Ω	
Max Input Power	25	
Mechanical Data		
Dimensions (mm)	Height	460 (18.1')
Operating Temp (°C)		-40° / +80°C (-40° / 176°F)
Material		Nylon & stainless steel
Colour		Black

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