

Mobile Radio VHF Panel Mount Antenna

PANORAMA ANTENNAS

AVHB

AVHB

- Rugged construction
- ¼ Wave Antenna
- Hinged base

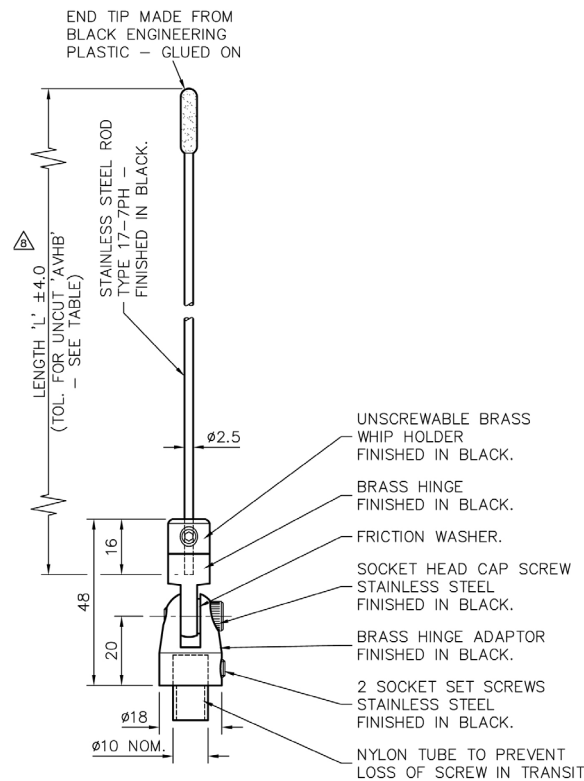
The AVHB range is a durable roof mounted solution for vehicle installations at VHF frequencies.

The radiator is fabricated from high quality 17-7PH stainless steel and can be removed for low clearances or car washes. The antenna is compatible with the full range of Panorama Antennas Ltd modular bases and features a convenient hinge mounting.



Technical Drawing

AVHB shown



Mobile Radio VHF Panel Mount Antenna

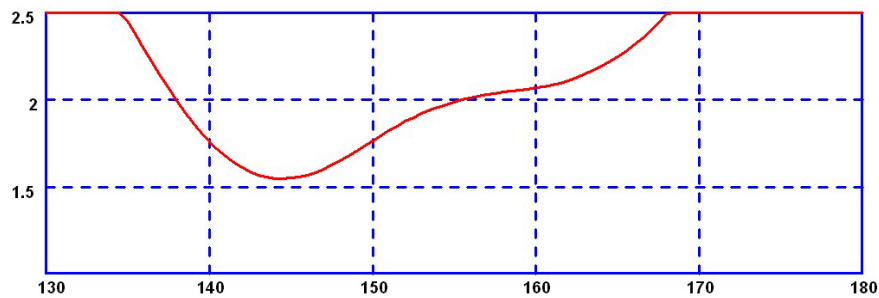
AVHB

Product Data

Part Number						
	AVHB-JRC	AVHB-H4	AVHB-H5	AVHB-H6	AVHB-H7	
Electrical Data						
Frequency Range (MHz)	139-157	141-151	149-159	156-162	162-174	
Gain: Isotropic	2dBi					
Compared to ¼ wave	0dB					
Typical VSWR	<2.5:1	<2:1	<2:1	<2:1	<2:1	
Polarisation	Vertical					
Pattern	Omni Directional					
Impedance	50Ω					
Max Input Power (W)	100					
Mechanical Data						
Dimensions (mm)	Total Height	1220 (48.03")	467 (18.38")	444 (17.48")	428 (16.85")	405 (15.94")
	Base Diameter	18 (0.7")				
Operating Temp (°C)	-40° / +80°C (-40° / 176°F)					
Material	Stainless steel & plated brass					
Colour	Black					

Electrical Data

Typical VSWR*



*AVHB-JRC shown measured on a 1m x 1m (3.3ft x 3.3ft) Groundplane with 5m of CS23 cable

Typical H-Plane (145 MHz)

