

Product Datasheet

VHF Panel Mount Antenna

Mobile Radio

VHF Panel Mount Antenna



AVHB

Rugged construction

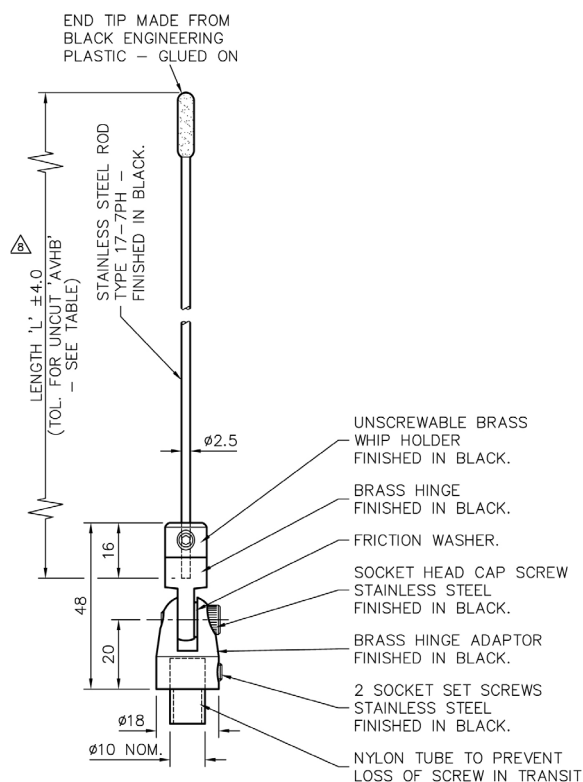
Removable radiator

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.

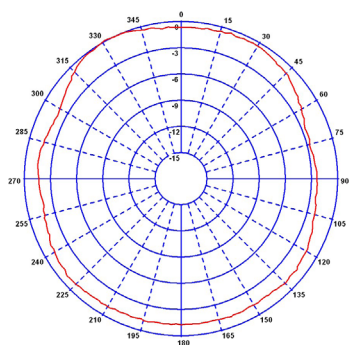
Technical Specification



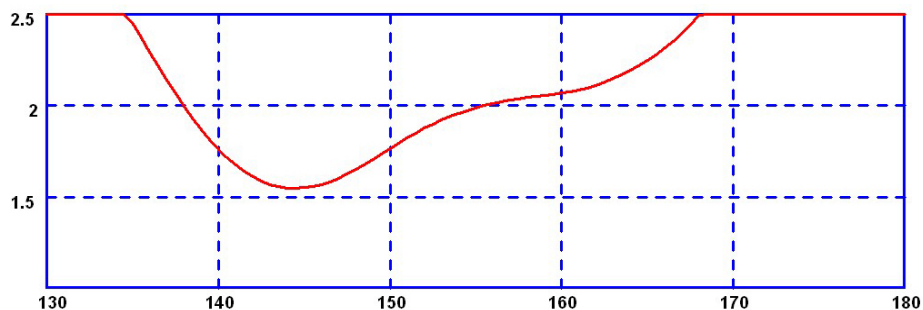
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Typical H-Plane



Typical VSWR*



*Measured on a 1m x 1m Groundplane

Part Number					
	AVHB [uncut]	AVHB-H4	AVHB-H5	AVHB-H6	AVHB-H7
Electrical Data					
Frequency Range (MHz)	-	141-151	149-159	156-162	162-174
Gain: Isotropic	2dBi	2dBi	2dBi	2dBi	2dBi
Compared to ¼ wave	0dB	0dB	0dB	0dB	0dB
Bandwidth @ 2:1 VSWR	10%	10%	10%	10%	10%
Polarisation	Vertical	Vertical	Vertical	Vertical	Vertical
Pattern	Omni Directional	Omni Directional	Omni Directional	Omni Directional	Omni Directional
Impedance	50Ω	50Ω	50Ω	50Ω	50Ω
Max Input Power (W)	50	50	50	50	50
Mechanical Data					
Dimensions (mm)	Total Height	1220	467	444	428
	Base Diameter	18	18	18	18
Operating Temp (°C)	-40° / +80°C	-40° / +80°C	-40° / +80°C	-40° / +80°C	-40° / +80°C
Material	Stainless steel & engineering plastic	Stainless steel & engineering plastic	Stainless steel & engineering plastic	Stainless steel & engineering plastic	Stainless steel & engineering plastic
Colour	Black	Black	Black	Black	Black

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