

## 2. Choose your antenna

### Dual Band - 2 metre & TETRA

-  VHF Migration
-  Public Safety
-  Omni Directional
-  ROHS Compliant



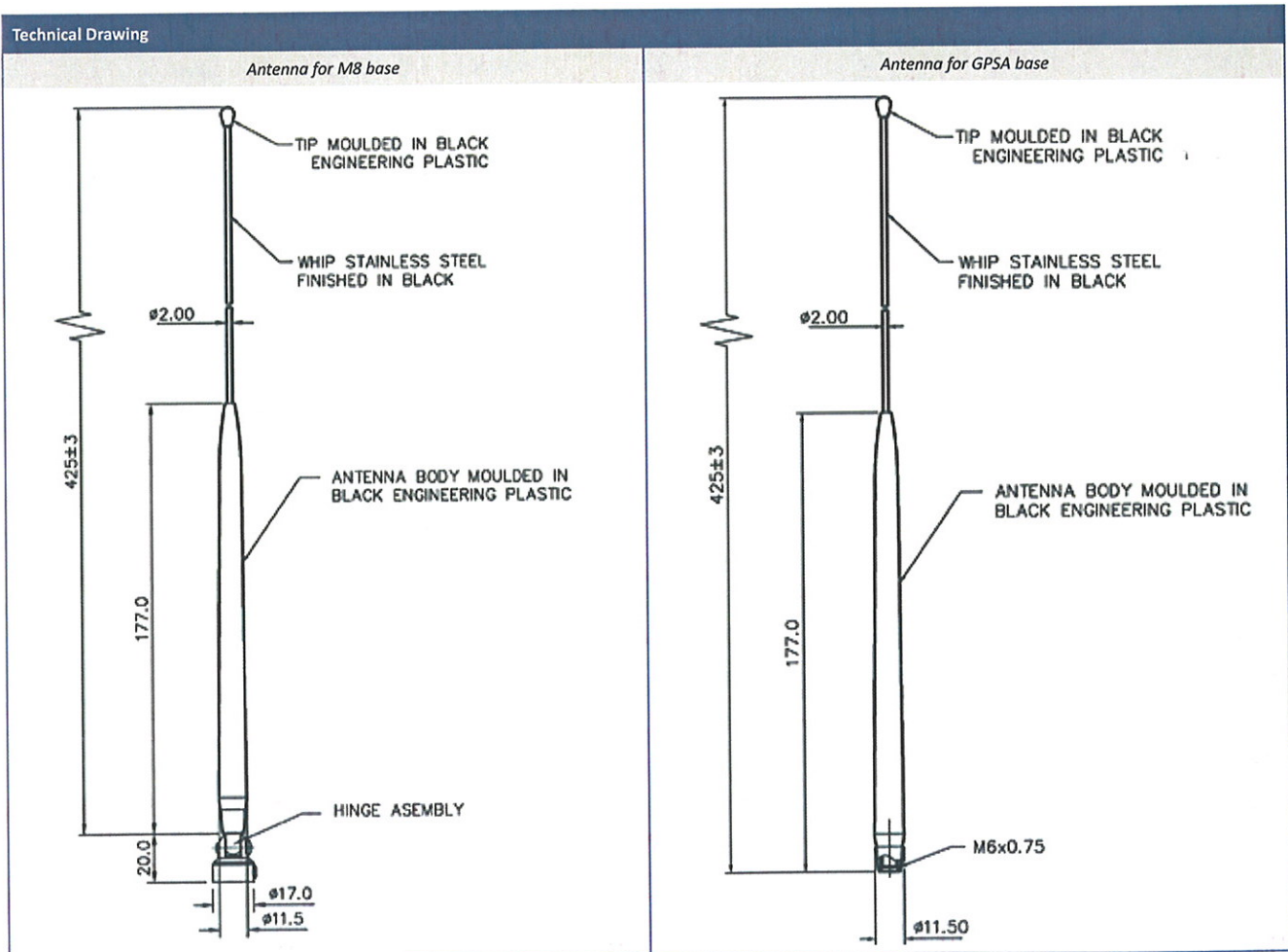
AQHB-H6-7-S1-462 (for M8 base)  
AS-H6-7-S1-462 (for GPSA base)

Combines 2 metre band & TETRA  
Can be used with panel mount and GPS base

This antenna operates on 2m (165-174MHz) and Tetra band (380-400MHz).

The antenna is resonant on each band and does not require a matching unit.

Used with Panorama's high efficiency diplexer unit, this enables a 2m and Tetra radio to effectively operate on one antenna.

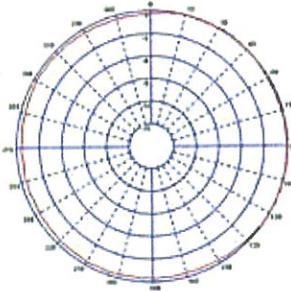




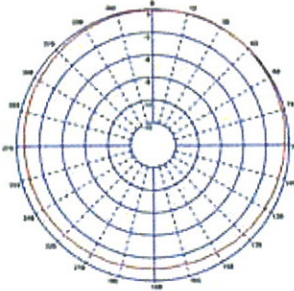
# BOS TETRA MIGRATION

BUILD YOUR OWN KIT 

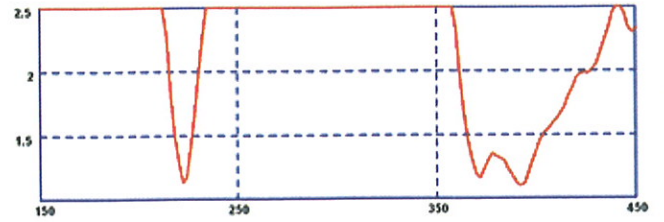
H-Plane (170MHz)



H-Plane (390MHz)



Typical VSWR\*



\*measured on a 1m x 1m groundplane

	Antenna for M8 base	Antenna for GP8A base
<b>Part No.</b>	AQHB-H6-7-S1-462	AS-H6-7-S1-462
<b>Electrical Data</b>		
Frequency Range (MHz)	165-174 & 380-400	165-174 & 380-400
Operational Band	2m & TETRA (S1)	2m & TETRA (S1)
Gain: Isotropic	2dBi (both band)	2dBi (both band)
Compared to ¼ wave	0dB (both bands)	0dB (both bands)
Polarisation	Vertical	Vertical
Pattern	Omni-directional	Omni-directional
Impedance	50Ω	50Ω
Max Input Power	25	25
<b>Mechanical Data</b>		
Dimensions (mm)    Height	425	425
Operating Temp (°C)	-40° / +80°C	-40° / +80°C
Material	Engineering plastic & stainless steel	Engineering plastic & stainless steel
Colour	Black	Black