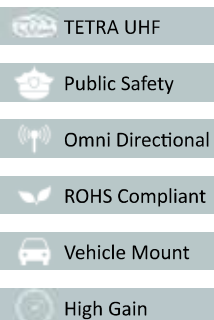


2. Choose your antenna

High Gain TETRA Whip



A5GM & A5GH

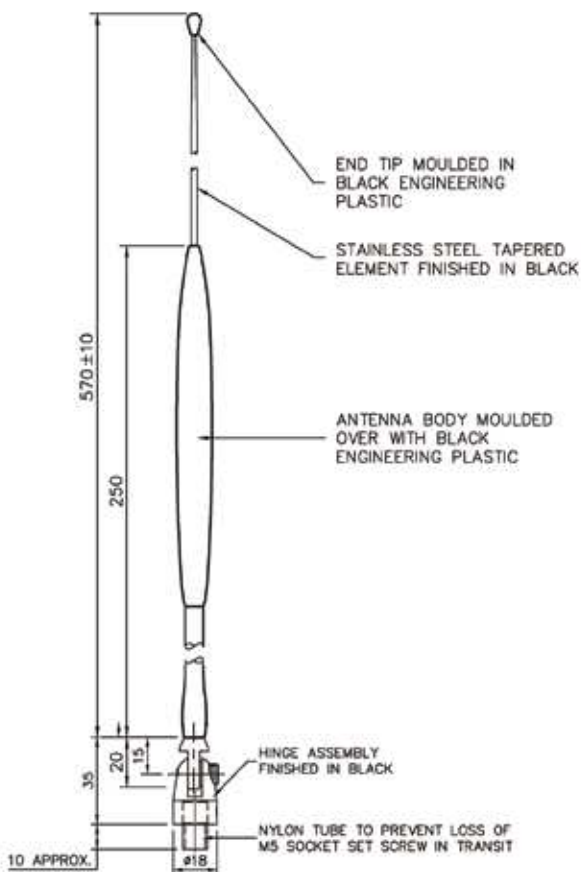
Fully moulded construction for reliability
 Tapered whip for low wind resistance
 Consistent gain across the TETRA band
 For use where TETRA network coverage is marginal

The A5G is a 5dBi gain whip designed as an alternative to the standard $\frac{1}{4}$ wave whip.

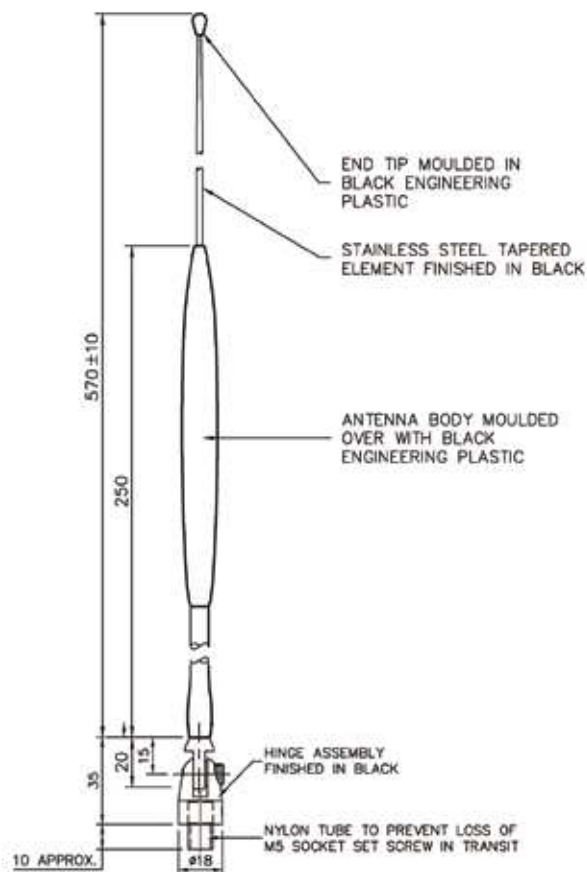
The increased gain can extend the range of a vehicle within the mobile network.

Technical Drawing

Non-hinged version

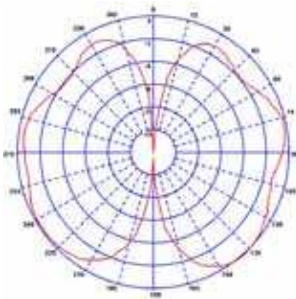


Hinged version

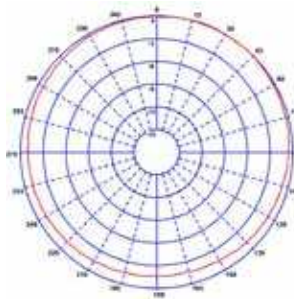




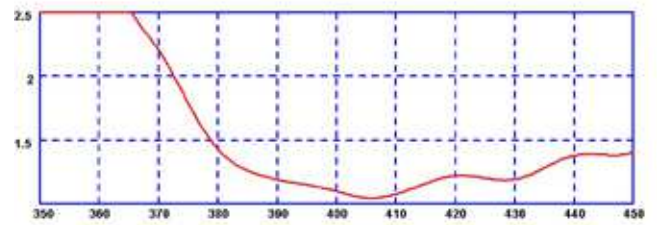
E-Plane (405MHz)



H-Plane (405MHz)



Typical VSWR*



*measured on a 1m x 1m groundplane

Part No.					
Non-hinged version		A5GM-S	A5GM-TET	A5GM-T	A5GM-S4
Hinged version		A5GH-S	A5GH-TET	A5GH-T	A5GH-S4
Electrical Data					
Frequency Range (MHz)		350-390	380-430	420-452	450-470
Operational Band		S	TET	T	S4
Gain: Isotropic		5dBi	5dBi	5dBi	5dBi
Compared to ¼ wave		3dB	3dB	3dB	3dB
Bandwidth @ 2:1 VSWR		10%	10%	10%	10%
Polarisation		Vertical	Vertical	Vertical	Vertical
Pattern		Omni-directional	Omni-directional	Omni-directional	Omni-directional
Impedance		50Ω	50Ω	50Ω	50Ω
Max Input Power (W)		25	25	25	25
Mechanical Data					
Total Height (mm)		642	590	560	545
Operating Temp (°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
Colour		Black	Black	Black	Black
Compatible Bases					
M8	Non-hinged version	A5GM-S-M8-5	A5GM-TET-M8-5	A5GM-T-M8-5	A5GM-S4-M8-5
	Hinged version	A5GH-S-M8-5	A5GH-TET-M8-5	A5GH-T-M8-5	A5GH-S4-M8-5
M8A	Non-hinged version	A5GM-S-M8A-5	A5GM-TET-M8A-5	A5GM-T-M8A-5	A5GM-S4-M8A-5
	Hinged version	A5GH-S-M8A-5	A5GH-TET-M8A-5	A5GH-T-M8A-5	A5GH-S4-M8A-5
MMR-5F	Non-hinged version	A5GM-S-MMR-5F	A5GM-TET-MMR-5F	A5GM-T-MMR-5F	A5GM-S4-MMR-5F
	Hinged version	A5GH-S-MMR-5F	A5GH-TET-MMR-5F	A5GH-T-MMR-5F	A5GH-S4-MMR-5F
MBM-5F	Non-hinged version	A5GM-S-MBM-5F	A5GM-TET-MBM-5F	A5GM-T-MBM-5F	A5GM-S4-MBM-5F
	Hinged version	A5GH-S-MBM-5F	A5GH-TET-MBM-5F	A5GH-T-MBM-5F	A5GH-S4-MBM-5F
For the complete list of base connectors see page 34					

For the complete list of base connectors see page 34