

Mini Grid Antenna

1710-3800MHz

GA06-1738



The GA06 mini-grid is a fully welded ruggedized parabola grid, providing highly reliable point to point or point to multi-point communication.

Utilising PCB manufacturing techniques, this grid offers best in class reliability and performance, with Low PIM performance, high reliability as well as pattern stability and more importantly, repeatability.

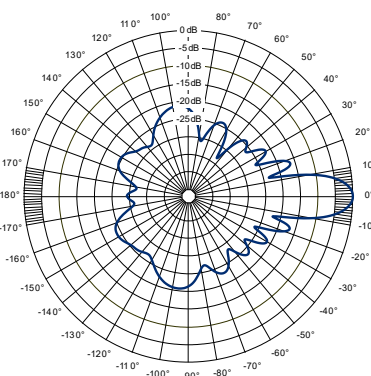
Although highly durable in design, wind loading and weight have been reduced, through respective design elements, including tubular aluminum, and lightweight, UV stabilised ABS radome and PCB element.

The integrated mounting clamp offering full articulation and polarisation adjustment; offering more assistance and reduction in time during installation.

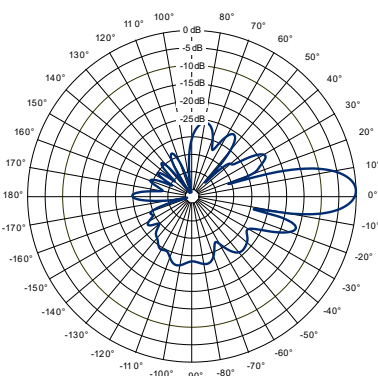


Features:

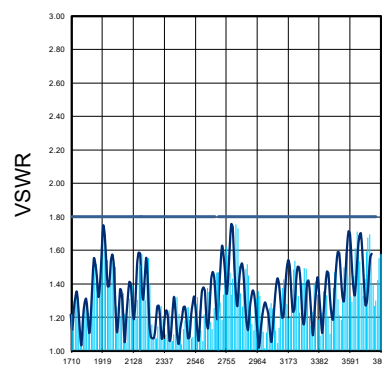
- Highly durable
- Fully articulated mounting design
- Vertical, Horizontal or ± 45 linear polarisation
- Full wideband operation



E-PLANE



H-PLANE



Frequency (MHz)

Electrical Specifications

Model Number	GA06-1738		
Nominal Gain dBi (dBi)	16.0 (18.1)	20.0 (22.1)	22.0 (24.1)
Frequency (MHz)	1710 - 2170	2170 - 2700	2700 - 3800
Tuned Bandwidth	Full		
VSWR	1.8:1		
Nominal Impedance (Ω)	50		
Vertical Beamwidth (degrees)	13	11	9
Horizontal Beamwidth (degrees)	13	11	9
Front to Back Ratio (dB)	30		
Power (W)	50		

Mechanical Specifications

Model Number	GA06-1738
External Construction	Alodined aluminium
Height (mm)	670
Width (mm)	670
Depth (mm)	400
Weight (kg)	8.0
Termination	1.0m of RG142 fitted with 4.3-10 (F) connector, N type adaptor included
Projected Area - No Ice (cm ²)	19311
Projected Area - With Ice (cm ²)	22560
Lateral Thrust @ 160km/h (N)	4229
Wind Gust Rating (km/h)	234
Torque @ 160km/h (Nm)	1413