

# Mesh Parabolic Antenna

698-3800MHz

GM06-0738

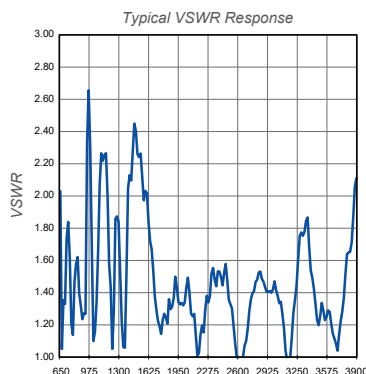
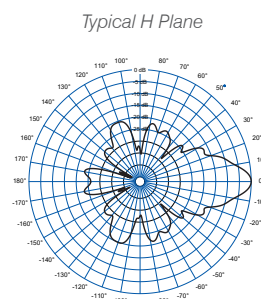
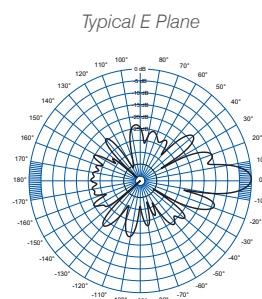


The GM06 is a lightweight yet ruggedized mesh parabolic antenna providing highly reliable point to point communication. Utilising PCB manufacturing techniques, this grid offers best in class reliability and performance, with Low PIM performance, high reliability as well as pattern stability and more 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. Clamp options include the GA Clamp which allows full articulation and polarisation adjustment; offering more assistance and reduction in time during installation.

## Features:

- Full band solution, 698-3800MHz coverage
- Vertical or Horizontal polarisation
- Easy installation
- Clamp options available
- Lightweight yet durable design
- Low PIM performance



## Electrical Specifications

Model Number	GM06-0738		
Frequency MHz	698-960	1710-2700	3400-3800
Nominal Gain dBi	10	21	24
Tuned Bandwidth	Full Band		
VSWR	2.0:1		
E Plane Beamwidth °	27	11	9
H Plane Beamwidth °	27	13	9
Front to Back Ratio dB	15	30	
Impedance	50		
Power W	50W		
Passive Intermodulation dBc	-140		

## Mechanical Specifications

Model Number	GM06-0738	
Construction	Full aluminium construction in white powdercoat finish	
Termination	4.3-10 Female on 1m cable tail	
Dimensions (LxWxD) mm	670 x 670 x 400	
Weight kg	5	
Suggested Clamp	GA clamp (full articulation) or UCR2 or FP-1	
Projected Area cm <sup>2</sup>	No Ice	8524
	With Ice	9480
Lateral Thrust @160km/h N	1010	
Wind Gust Rating km/h	240	
Torque @160km/h Nm	169	

