

# Mesh Parabolic Antenna

698-3800MHz

GM06-0738-B

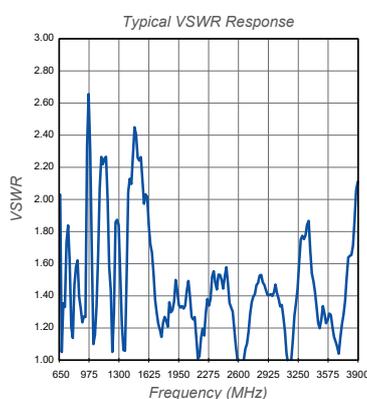
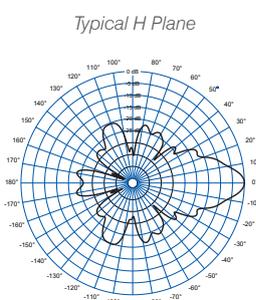
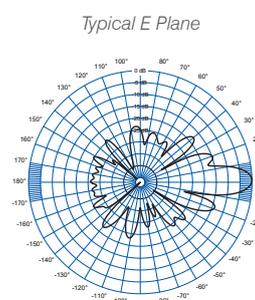


The GM06 is a lightweight yet ruggedized mesh parabolic antenna providing highly reliable point to point communication. Utilising PCB manufacturing techniques, this grid offers best in class reliability and performance, with Low PIM performance, high reliability as well as pattern stability and more 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-B |           |           |
|-----------------------------|-------------|-----------|-----------|
| 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-B  |      |
|--------------------------------|--|------|
| 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  |      |

