

Grid Parabolic Antenna

Product Description

Grid parabolic Antennas find application where linear polarization is used and where stringent Radiation Pattern Envelope (RPE) are not required. These antennas can easily replace solid parabolics up to 3 GHz. On request, reflectors of various sizes from 0.9m to 3.0m dia can be supplied.

Technical Specifications

| | |
|--------------|-------------------|
| Model | 370 404 00 |
| Antenna type | Parabolic |

Electrical Specifications

| | |
|-----------------------------|-----------|
| Frequency(MHz) | 824 – 894 |
| Gain at mid band (dBi) | 16 |
| VSWR | < 1.5:1 |
| Polarization | Linear |
| Horizontal beam width (deg) | 26 |
| Vertical beam width (deg) | 23 |
| Cross polarization (dB) | < 25 |
| Front to back ratio (dB) | 25 |
| Impedance (ohms) | 50 |
| Max Power (Watts) | 50 |
| Connector | N(F) |

Mechanical Specifications

| | |
|--------------------------------|---|
| Diameter (mm) | 900 |
| Mounting facility | suitable for pole mounting dia of 60.3 mm |
| Material | Aluminium |
| Finish | Powder coated |
| Temperature Range | -20 °C to 70 °C |
| Rated wind velocity (miles/hr) | 125 |

Product Photo

