



GA5427

5.4GHz 27dBi Parabolic Grid Antenna

Datasheet: 101005

Main Features:

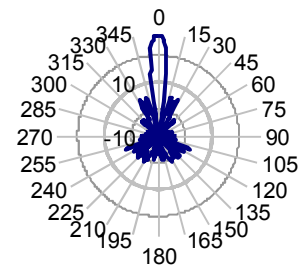
- Simple to install and aim
- Low mast and wind loading
- Surface-treated, cast aluminium alloy grid reflector
- Good multi-path interference rejection
- Excellent front-to-back ratio
- Supplied with mounting hardware for attaching to mast or tower member
- Available with standard aluminium/stainless steel mount or heavy duty 2-axis screw-adjustable mount (optional extra)



Electrical Specifications:

Frequency	5460 - 5875MHz
Minimum gain	27dBi, 5.8GHz 26dBi, 5.4GHz
Vertical beam-width	9°
Horizontal beam-width	6°
Front-to-back ratio	>25dB
Impedance	50 Ohms
Maximum power	10 Watts
Polarization	Vertical or horizontal

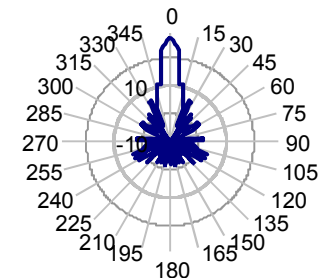
Vertical Radiation Pattern



Mechanical Specifications:

Standard connector	N-Female
Reflector aperture	600mm x 400mm
Elevation range	±20°
Azimuth range	360°
Mass	2.5kg
Mast diameter	25mm - 60mm
Operating temperature	-20°C to 70°C
Standards compliance	AS1471 & MIL-C81706
Wind load at 100kmph	25kg

Horizontal Radiation Pattern



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