



S5427

5.4GHz 27dBi Solid Parabolic Antenna

Datasheet: 071505

Main Features:

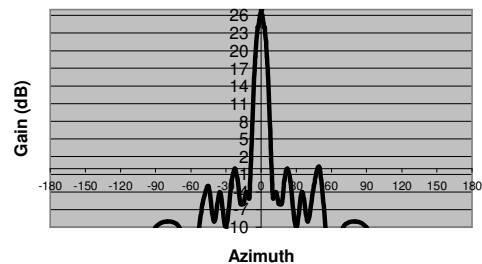
- Excellent front-to-back ratio and narrow beam-width to reduce interference
- Simple to install and aim
- Corrosion resistant spun aluminium alloy reflector
- Durable vented, solid brass feed
- Supplied with stainless steel and aluminium mounting hardware.
- Designed & manufactured in Australia



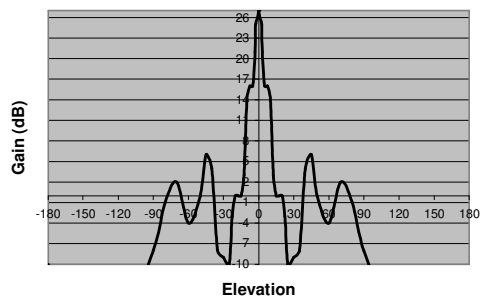
Electrical Specifications:

Frequency	5470 - 5875MHz
Minimum gain	27dBi, 5.8GHz 26dBi, 5.4GHz
Vertical beam-width	6°
Horizontal beam-width	7°
Front-to-back ratio	-40dB
Impedance	50 Ohms
Maximum power	10 Watts
Polarization	Vertical or horizontal

Horizontal Radiation Pattern



Vertical Radiation Pattern



Mechanical Specifications:

Standard connector	N-Female
Reflector aperture	520mm diameter
Elevation range	40°
Azimuth range	360°
Mass	1.8kg
Mast diameter	30mm - 60mm
Operating temperature	-20°C to 70°C
Standards compliance	AS1471 & MIL-C81706
Wind load at 200kmph	75kg
Wind survival speed	200kmph

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