



GA2421 2.4GHz 21dBi Grid Antenna

Data Sheet 130410

Main Features

GA2421

- Easy to install with low mast and wind loading
- Surface-treated, corrosion resistant aluminium alloy grid reflector
- Air-vented solid brass feed with membrane,
- Good multi-path interference rejection
- Excellent front-to-back ratio
- Supplied with stainless steel/aluminium mounting hardware for attaching to mast or tower member
- Designed & manufactured in Australia
- 24-month warranty

GA2421F

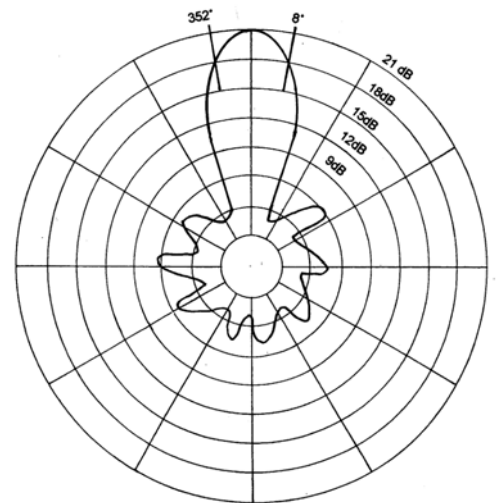
- Foam-filled feed for arduous conditions



Electrical Specifications

Frequency	2400 - 2500MHz
Minimum gain	21dBi
Vertical beam-width	25°
Horizontal beam-width	15°
Front-to-back ratio	30dB
Impedance	50 Ohms
Maximum power	10 Watts
Polarization	Vertical or horizontal
VSWR	<1:1.5

Typical Radiation Pattern



Mechanical Specifications

Standard connector	N-Male
(others available on request)	
Cable Tail	500mm
Reflector aperture	500mm x 500mm
Elevation range	30°
Azimuth range	360°
Mass	2kg
Mast diameter	30mm - 60mm
Operating temperature	-20°C to 70°C
Standards compliance	AS1471 & MIL-C81706
Wind load at 100kmph	10kg

Pacific Satellite Pty Ltd
12 George Road, PO Box 100
Salamander Bay, NSW 2317
AUSTRALIA

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National Sales: 1800 001 081
Phone: 61 2 4982 0855
Fax: 61 2 4982 0566
www.pacsat.com.au
sales@pacsat.com.au