



## SEC2413/180 2.4GHz 13dBi 180° Sector Antenna

Data Sheet 051709

### Main Features

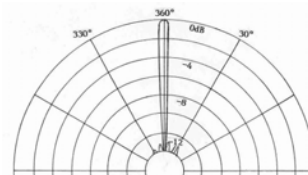
- Focuses radiated energy into a 180 degree sector
- Reduces congestion/interference from outside the sector
- Compact, low profile antenna
- Suitable for indoor and outdoor use
- Heavy duty aluminium construction with fibreglass radome
- Supplied complete with stainless steel hardware for surface and mast/tower mounting
- Optional tilt-kit available
- Vertically polarized
- Designed & manufactured in Australia
- 24-month warranty



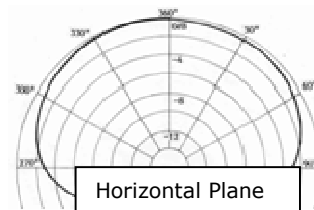
### Electrical Specifications

Frequency	2400 - 2484MHz
Antenna type	Collinear
Minimum gain	13dBi
Electronic beam-tilt	-1°
Vertical beam-width	5°
Horizontal beam-width	180°
Return loss	18±3dB
Impedance	50 Ohms
Maximum power	200 Watts
Standard polarization	Vertical
VSWR	<1:1.5

### Typical Radiation Patterns



Vertical Plane



Horizontal Plane

### Mechanical Specifications

Standard connector	N-Female
Mass	2kg
Length	1200mm
Mast diameter	30mm - 60mm
Survival wind rating	300kmph
Wind loading	14kg at 200kmph
Operating temperature	-20°C to 70°C
Standards compliance	AS1471
Wind load at 100kmph	4kg

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](http://www.pacsat.com.au)  
[sales@pacsat.com.au](mailto:sales@pacsat.com.au)