



SEC5813/90 5.8GHz 14dBi 90° Sector Antenna

Data Sheet 300401

Main Features

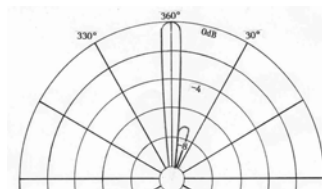
- Focuses radiated energy into required sector
- Compact, low profile antenna
- Suitable for indoor and outdoor use
- Heavy duty aluminium construction with fibreglass radome
- Supplied complete with stainless steel hardware for surface and mast/tower mounting
- Vertically polarized
- Optional tilt-kit available
- Designed & manufactured in Australia



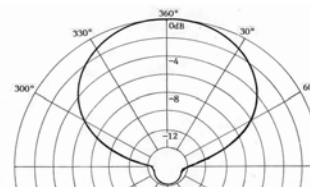
Electrical Specifications

Frequency	5725 - 5875MHz
Antenna type	Collinear
Minimum gain	14dBi
Electronic beam-tilt	-1°
Vertical beam-width	4°
Horizontal beam-width	90°
Return loss	-18±3dB
Impedance	50 Ohms
Maximum power	20 Watts
Standard polarization	Vertical
VSWR	<1:1.5

Typical Radiation Patterns



Vertical Plane



Horizontal Plane

Mechanical Specifications

Standard connector	N-Female (others available on request)
Mass	1kg
Length	500mm
Mast diameter	30mm - 60mm
Survival wind rating	300kmph
Wind loading	13kg at 200kmph
Operating temperature	-20°C to 70°C
Standards compliance	AS1471

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

antennas that go the distance

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