



# SEC0908/180H 900MHz 8dBi 180° Sector Antenna

Data Sheet 050410

## Main Features

- 8dBi, horizontally polarized, 180 degree sector antenna
- Compact, low profile
- Suitable for indoor and outdoor use
- Powder coated aluminium construction with ABS radome
- 12 month warranty



## Electrical Specifications

Frequency	902-928 MHz
Antenna type	Panel
Minimum gain	8dBi
Vertical beam-width	33°
Horizontal beam-width	120°
Minimum Return loss	-14dB
Return Loss	<1.5:1
Front-to-back ratio	>12dB
Cross Polar	>20dB
Impedance	50 Ohms
Maximum power	20 Watts
Polarization	Vertical

## Mechanical Specifications

Standard connector	N-Female
Mass	0.9kg
Size	475mm x 250mm
Depth	51mm
Radome	UV protected ABS
Back plane	Powder coated aluminium
Survival wind rating	200kmph
Wind loading	10kg at 200kmph
Operating temperature	-30°C to 70°C
Lightning protection	DC grounded

Pacific Satellite Pty Ltd  
12 George Road, PO Box 100  
Salamander Bay, NSW 2217  
AUSTRALIA



National Sales: 1800 001 081  
Phone: 61 2 4982 0955  
Fax: 61 2 4982 0566  
[www.pacsat.com.au](http://www.pacsat.com.au)  
[sales@pacsat.com.au](mailto:sales@pacsat.com.au)