



OMN5005 5.8GHz 5dBi Omni Antenna

Data Sheet 051709

Main Features

- Omni-directional base station antenna
- Co-linear antenna with excellent horizontal circularity to ensure null-free coverage
- Ideally suited for use with bi-directional amplifiers to achieve maximum EIRP with very broad vertical beam-width
- Rugged aluminium and fiberglass construction
- Vertically polarised
- Stainless steel/aluminium mounting hardware included
- Designed and manufactured in Australia



Electrical Specifications

Frequency	5725 - 5875MHz
Antenna type	Collinear
Minimum gain	5dBi
Electronic beam-tilt	-1°
Vertical beam-width	25°
Horizontal beam-width	360° ± 0.5dB
Return loss	-20dB
Impedance	50 Ohms
Maximum power	50 Watts
Standard polarization	Vertical

Mechanical Specifications

Standard connector	N-Female
Mass	0.5kg
Length	300mm
Radome diameter	35mm
Mast diameter	30mm - 60mm
Survival wind rating	220kmph
Wind loading	2kg at 200kmph
Operating temperature	-20°C to 70°C
Standards compliance	AS1471

Typical Radiation Pattern



