



# OMN3507 3.5GHz 7dBi Omni Antenna

Data Sheet 071903

## 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 levels
- Rugged aluminium and fiberglass construction
- Vertically polarised
- Stainless steel/aluminium mounting hardware included
- Designed and manufactured in Australia



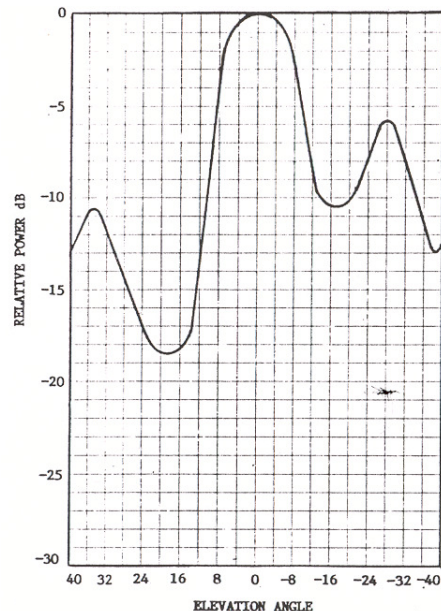
## Electrical Specifications

Frequency	3400 - 3600MHz
Antenna type	Collinear
Minimum gain	7dBi
Electronic beam-tilt	-1°
Vertical beam-width	16°
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	0.6kg
Length	660mm
Radome diameter	35mm
Mast diameter	30mm - 60mm
Survival wind rating	220kmph
Wind loading	3kg at 200kmph
Operating temperature	-20°C to 70°C
Standards compliance	AS1471

## Typical Radiation Pattern



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antennas that go the distance



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