



OMN5812 5.8GHz 12dBi Omni Antenna

Data Sheet 051709

Main Features

- High gain, 12 dBi (minimum) omni-directional base station antenna
- UV-resistant plastic radome with conversion-coated aluminium base plate
- Stainless steel base with aluminium/stainless steel mounting hardware

Electrical Specifications

Frequency	5725 - 5875MHz
Antenna type	Collinear
Minimum gain	12dBi
VSWR	1.7:1 (max)
Vertical beam-width	5°
Horizontal beam-width	360°
Impedance	50 Ohms
Maximum power	6 Watts
Polarization	Vertical
Lightning protection	DC grounded



Mechanical Specifications

Standard connector	N-Female
Radome	UV resistant plastic
Base plate	Aluminium with chemical conversion coating
Mass	0.4kg
Length	680mm
Radome diameter	50mm
Water resistance	IP67
Operating temperature	-20°C to 70°C
Standards compliance	AS1471

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