

## Product datasheet

# 9 dB Omnidirectional Antenna

**Product code:** RFT-OMV-09-24

**Version:** 01.2008

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**RFTECHNICS.COM**
**Application:** Point to multipoint (Access Point/Base Station) for 802.11 b/g

- Ideally suited for point to multipoint applications (WLAN Base Station/ Access Point)
- Maintains excellent RF performance across frequency band
- Rugged, weather proof construction
- Suitable for in-door or outdoor use
- Broadband design covers the band 2.4 to 2.5 GHz

**Technical specification**
**Electrical**

Frequency Band:	2400 - 2500 MHz
Directivity:	10 dBi
Gain:	9 dBi minimum
Polarisation:	Vertical
Beamwidth Horizontal Plane:	360° (Omni)
3 dB Beamwidth Vertical Plane:	12°
Beam Tilt:	0° (No beam tilt with frequency)
Nominal Impedance:	50 Ohm
VSWR:	1.5:1.0 max.
Maximum Input Power:	100 W
Connector Type:	N-Type Female.

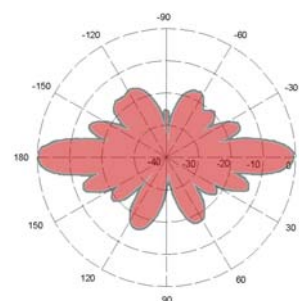
**Application:** Point to Multipoint (Base Station, Access points, Hot Spots) for 802.11b/g

**Mechanical**

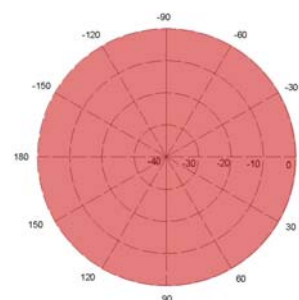
Width (Nominal):	30 mm ( 1.2 in)
Height (Nominal):	600 mm (23.6 in)
Weight:	0.5 Kg (1.0 lbs)
Operating Temperature:	-30° C to + 60° C
Wind Loading:	130 mph (210 km/h)

**Materials**

Covering Material:	UV stabilised ABS Plastic
Colour	Grey
Mounting Method	Galvanised steel bracket set for mast or pole mounting 1.2 - 2.5 in (30 - 62 mm). Comes complete with mounting hardware



Vertical Plane Cut



Horizontal Plane Cut

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