

Product datasheet

13 dB, 120° Sector Coverage Antenna

Product code: RFT-SCV-13-24-120
Version: 02.2008

RFTechnics Limited
 Whitehall House
 2 Queens Road
 Sheffield S2 4DG UK

T: +44 (0)114 270 08 87
 F: +44 (0)797 725 42 81
 E: sales@rftechnics.com
RFTECHNICS.COM

Application: Point to multipoint base station application, warehouses, shopping malls, Hotels, Marinas for 802.11 b/g

- Ideally suited for point to multipoint base station applications
- Use 3 around a mast to give a high performance omnidirectional pattern (Base Station)
- 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
Gain:	13 dBi
Polarisation:	Vertical
Beamwidth Horizontal Plane:	120° (Sector Coverage)
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.

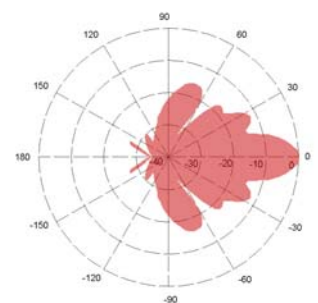
Application: Point to Multipoint (Base Station, Access points, Hot Spots) for 802.11b/g

Mechanical

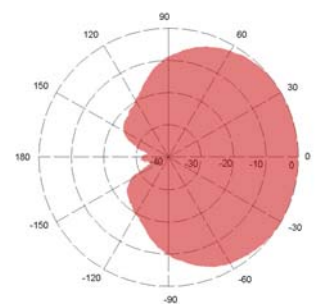
Width (Nominal):	50 mm (1.9 in)
Height (Nominal):	700 mm (27.6 in)
Weight:	0.5 Kg (1.0 lbs)
Operating Temperature:	-30° C to + 60° C
Wind Loading:	130 mph (210 km/h)

Materials

Covering Material:	UV stabilised ABS Plastic
Colour	White
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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