

Product datasheet

7 dB, 120° Sector Coverage Antenna

Product code: RFT-SCV-07-24-120

Version: 02.2008

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Application: Access Point, Wi-Fi Hot Spots for 802.11 b/g

- Compact, light weight, small footprint and unobtrusive
- Coverage enhancement indoors for wireless routers
- Rugged, weather proof construction
- 120° sector coverage
- Vertically polarised
- 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:	7 dBi
Polarisation:	Vertical
Beamwidth Horizontal Plane:	120° (Sector Coverage)
3 dB Beamwidth Vertical Plane:	60°
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.

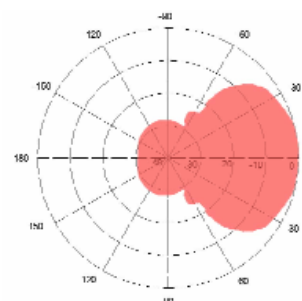
Application:	Point to Multipoint (Base Station, Access points, Hot Spots) for 802.11b/g
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Mechanical

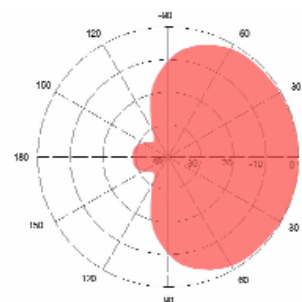
Width (Nominal):	55 mm (2.1 in)
Height (Nominal):	135 mm (5.3 in)
Weight:	150g (0.4 lbs)
Operating Temperature:	-30° C to + 60° C
Wind Loading:	130 mph (210 km/h)

Materials

Covering Material:	UV stabilised ABS Plastic
Colour	White or 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

Prices and specifications are subject to change without notice.

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