

Product datasheet

10 dB Omnidirectional Antenna

Product code: RFT-OMV-10-5X

Version: 01.2008

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Application: Point to multipoint (Access Point/Base Station) for 802.11a.

Ideal for Mesh network infrastructure.

- 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 4.9 to 5.9 GHz

Technical specification
Electrical

Frequency Band:	4.9 - 5.9 GHz
Directivity:	11 dBi
Gain:	8 dBi (4.9 - 5.1 GHz), 10 dBi (5.2 - 5.9 GHz)
Polarisation:	Vertical
Beamwidth Horizontal Plane:	360° (Omni)
3 dB Beamwidth Vertical Plane:	16° (4.9 - 5.1) , 11° (5.2 - 5.9 GHz)
Beam Tilt:	0° (No beam tilt with frequency)
Nominal Impedance:	50 Ohm
VSWR:	2.0:1.0 max.
Maximum Input Power:	80 W
Connector Type:	N-Type Female.

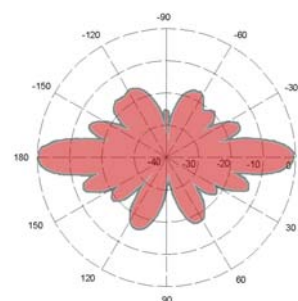
Application:	Point to Multipoint (Base Station, Access points, Hot Spots) for 802.11a
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Mechanical

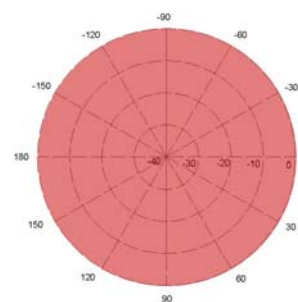
Width (Nominal):	30 mm (1.2 in)
Height (Nominal):	400 mm (15.8 in)
Weight:	0.5 Kg (1.0 lbs)
Operating Temperature:	-30° C to + 60° C
Wind Loading:	130 mph (210 km/h)

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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