

Product datasheet

18 /14 dB Dual Band Directional Antenna

Product code: RFT-DPL-1418-245X
Version: 01-.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 point, Point to multipoint for 802.11a and b/g

- Ideally suited for point to point applications (Back Haul, CPE, Access Point)
- Equal beamwidth in V and H Planes
- Rugged, weather proof construction
- Comes with an adjustable tilting bracket for easy beam alignment
- Broadband design, covers the 5 GHz (802.11a) and the 2.4 GHz (802.11b/g) band.

Technical specification
Electrical

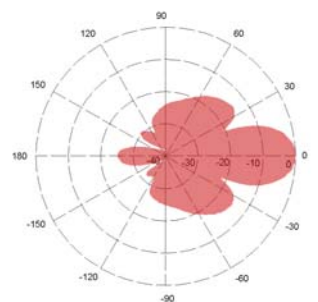
Frequency Band:	4900-5900 MHz	2400 - 2500 MHz
Gain:	18 dBi	14 dBi
Polarisation:	Vertical or Horizontal (Optional)	
3 dB Beamwidth Horizontal Plane:	17°	32°
3 dB Beamwidth Vertical Plane:	17°	32°
Front to Back Ratio:	25 dB	25 dB
Nominal Impedance:	50 Ohm	50 Ohm
VSWR:	1.8:1.0 max.	1.5:1.0 Max.
Maximum Input Power:	80 W	80 W
Connector Type:	N-Type Female.	
Application:	802.11a	802.11 b/g
	Point to Point & Point to Multipoint	

Mechanical

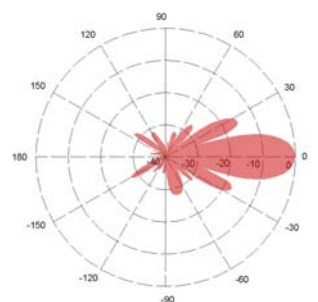
Appearance:	Flat Panel
Size (W x H x D):	215 mm x 175 mm x 30 mm
Weight::	0.5 Kg (1.0 lbs)
Operating Temperature:	-30° C to + 60° C
Wind Loading:	130 mph (210 km/h)

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 elevation tilt angle mechanism



Radiation Pattern Cut (2.4 GHz)



Radiation Pattern Cut (5.8 GHz)

Prices and specifications are subject to change without notice.

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