

DPRA 2.4/5 dual band - Two Panel Antennas with Radio Compartment

- Key Features:
- 14dBi Panel Antenna working on 2,4GHz
 - 19dBi Panel Antenna working on 5GHz
 - **Two Panel Antennas in One Case**
 - Weatherproof Enclosure for Outdoor Use
 - Enough Space for Your Electronics
 - High Quality Construction
 - Great Impedance Matching
 - Ultra Low Sidelobes
 - **5 Years Warranty**



- Applications:
- DualBand Wireless LAN
 - IEEE 802.11a,b,g,n WLAN Systems
 - **NStreme Dual configuration**
 - Point to Point Applications

- Description
- Integrated Radio/Units

An antenna with multipurpose enclosure working on 2,4GHz & 5 GHz band with two independent panel antennas with 14dBi & 19 dBi gain. It is the ideal solution for Nstreme dual configuration with RouterBOARD or ALIX devices. The range includes weatherproof outdoor enclosure with integrated two panel antennas and enough compartment for RouterBoard or any other electronic equipment. Inside the enclosure there is an attached, special RJ-45 waterproof Ethernet with easy connection to Internet Network and PoE. Because of reduced sidelobes, antenna keeps clear strong signal even in crowded radio environment. It's resistant to interference from other networks and does not disrupt to other. High quality construction of pole mounting elements guarantees an easy elevation adjust. This product is well suited to point to point applications for highly professional solutions. DPRA2,4/5 dual band includes 6 movable posts with self tapping screw and double sided tape to mount your electronics.

Electrical Properties

	Panel antenna 1	Panel antenna 2
Frequency	2400 - 2500MHz	4900 – 6000 MHz
Gain	14 dBi	19dBi
Polarization	Vertical	Horizontal
Beamwidth deg horizontal	38°	20°
Beamwidth deg vertical	39°	20°
VSWR	< 1.5	< 1.5
Impedance	50 Ohm	50 Ohm
Front to back ratio	> 25 dB	> 25 dB

Properties

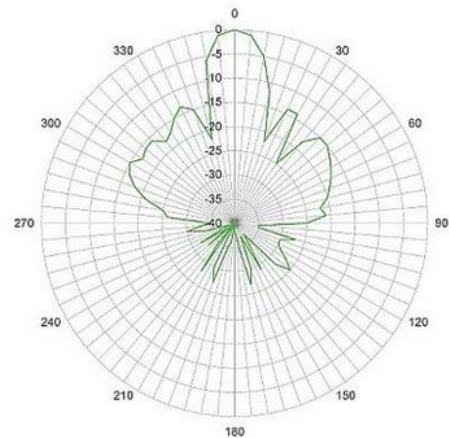
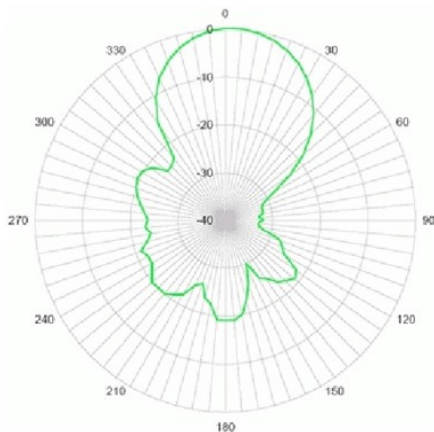
Technology	Microstrip
Antenna Connector	2xSMA, 2xUFI included
Input Connector	RJ-45 waterproof ethernet
Outside Dimensions	360x260x100 mm
Inside Dimensions	300x200x60 mm
Weight	1.6kg
Radome material	ABS
Color	Gray
Construction	All – weather operation
Mounting Kit	50.8 mm

Antenna Patterns

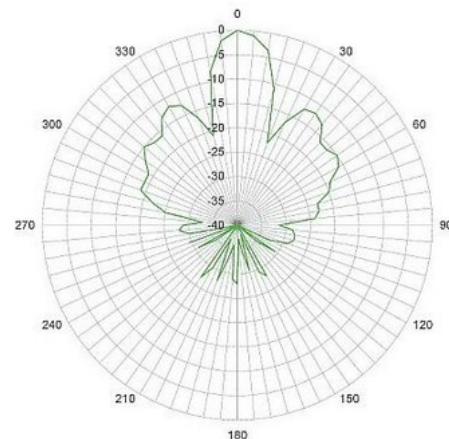
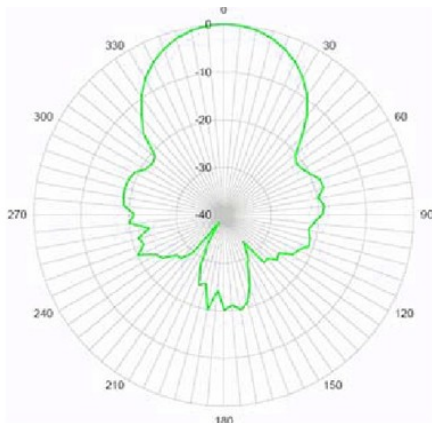
Antenna 2,4GHz

Antenna 5GHz

Azimuth



Elevation



VSWR

Panel antenna 2.4GHz



Panel antenna 5GHz

