

TECHNICAL DESCRIPTION



Professional dual polarity omnidirectional antenna, designed for 5 GHz base stations, working with the 2x2 MIMO technology. It has great performances and modern and solid construction.

The antenna system utilizes two linear opposite slotted arrays with H polarization and two opposite feed elements with V polarization located above inactive side walls of the H polarity antenna.

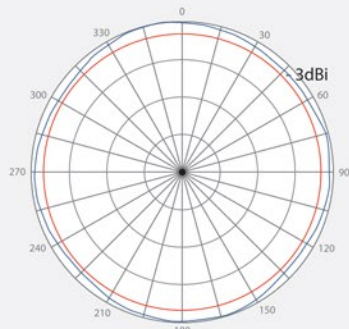
Special distances between several feed elements matched during the designing process and modeling, allow for omnidirectional space cover in the azimuth plane, with big separation level between both polarizations.

PRODUCT DETAILS

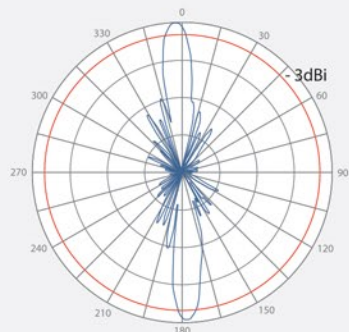
Antenna type	omnidirectional
Frequency range	5,47 - 5,80 GHz
Gain	13 dBi
Polarization	dual, horizontal & vertical
Vertical beam width	8 ° for -3dB
Horizontal beam width	360 ° for -3dB
VSWR	1 to 1,5
Impedance	50 Ohm
Connector	2 x N/Female
Wind load	110 m/s
Mounting	26 - 53 mm
Dimensions	620 x fi 75 mm
Weight	1400 g
Package	cardboard
Warranty	36 months

RADIATION PATTERN

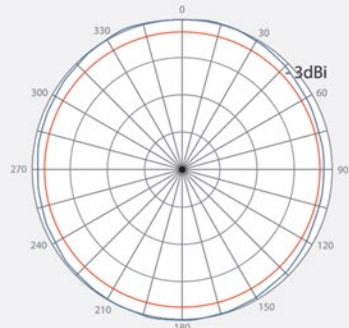
- I - horizontal



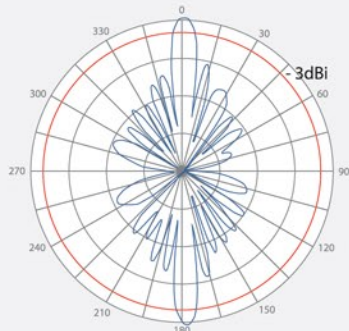
- I - vertical



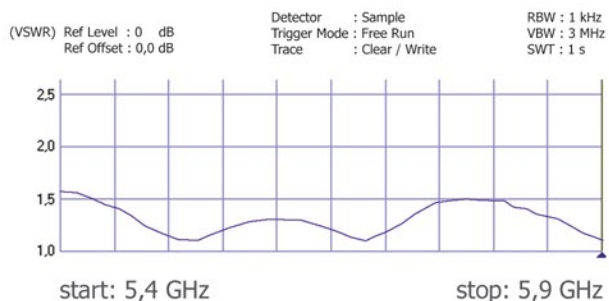
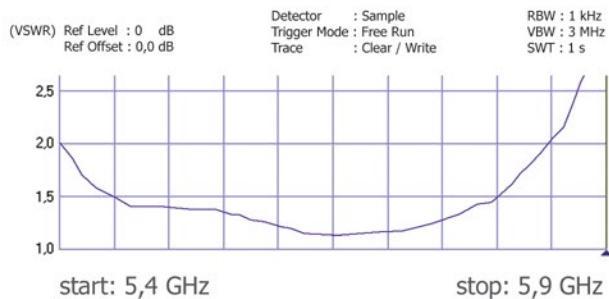
- II - horizontal



- II - vertical



VSWR



TECHNICAL DRAWING

