

TECHNICAL DESCRIPTION



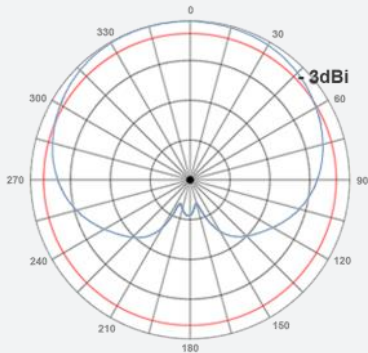
Dual polarity sector antenna working at 2,4GHz frequency with the BOX integrated, enabling for installation of RouterBoard 411, 433, 711, Alix, Ubiquiti boards inside. Antenna has a gain of 14dBi and 120 degrees radiation beam-width at the horizontal polarization. It's designed for operation with a radio equipment working at the 802.11n standard with the 2x2 MIMO technology. Works fine with client devices equipped with dual polarity antennas, allowing for improving the link quality and the SNR level and obtaining the transmission rate of 300Mbps, also in the localizations with low multi-path level. Due to high factor of separation between connectors (>35 dB) allows for dual base station 2,4 GHz building (at 802.11b/g standard).

PRODUCT DETAILS

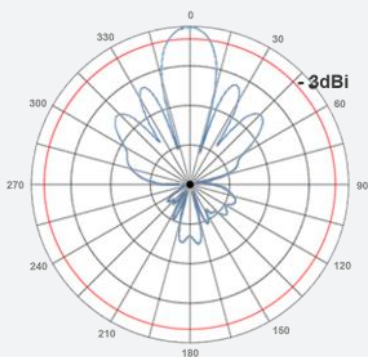
Antenna type	dual sector
Frequency range	2,4 - 2,5 GHz
Gain	14 dBi
Polarization	vertical + horizontal
Vertical beam width	17 ° for -3dB
Horizontal beam width	120 ° for -3dB
VSWR	1 : 1,4
Separation between connectors	> 35 dB
Back ratio	-
Impedance	50 Ohm
Connector	2 x N/Female
Wind load	80 m/s
Mounting	to mast
Mast diameter	38 - 51 mm
Dimensions	456 x 140 x 40 mm
Weight	600 g
Warranty	36 months

RADIATION PATTERN

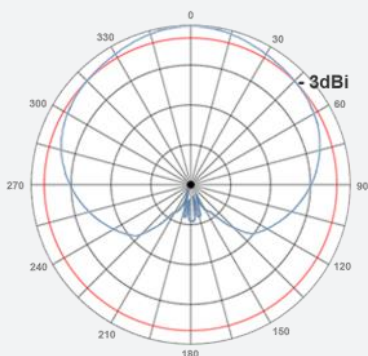
-I- horizontal



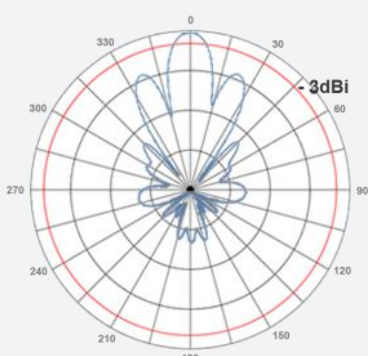
-I- vertical



-II- horizontal

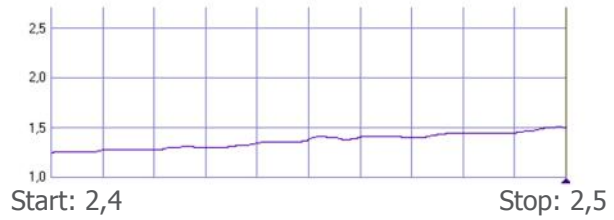


-II- vertical

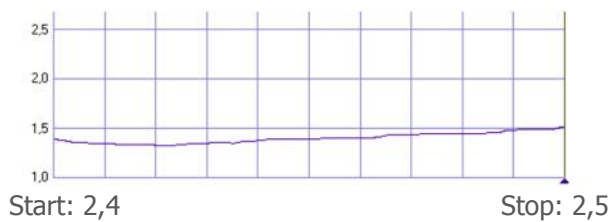


VSWR

(VSWR) Ref Level : 0 dB Detector : Sample RBW : 1 kHz
 Ref Offset : 0,0 dB Trigger Mode : Free Run VBW : 3 MHz
 Trace : Clear / Write SWT : 1 s



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 Ref Offset : 0,0 dB Trigger Mode : Free Run VBW : 3 MHz
 Trace : Clear / Write SWT : 1 s



RYSUNEK TECHNICZNY

