

TECHNICAL DESCRIPTION



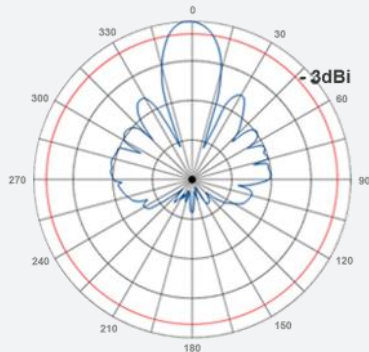
Broad-band double polarized antenna with gain of 19 dBi, it's predicted for operation at the frequency of 4900 - 6000 MHz. Antenna is designed for dual links and 2x2 MIMO links at the standard of 802.11n on medium distances. Separation between connectors is 37dB. This antenna distinguishes itself with wide beamwidth, from 4900 MHz up to 6000MHz. Medium antenna gain allows for realizing wireless links on medium distances. Narrow radiation beam allows to avoid interferences and noise level even on short distances. Antenna has DC ground what prevents devices connected with antennas. Solid bracket and U-Bolt come with antenna, they ensure for stability and resistance for wind and allows for antenna slope (advantage with making precise links).

PRODUCT DETAILS

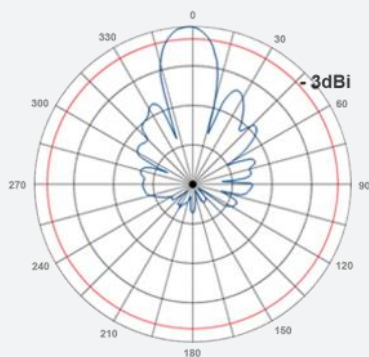
Antenna type	dual polarity panel
Frequency range	4,9 - 6,0 GHz
Gain	19 dBi
Polarization	vertical + horizontal
Vertical beam width	18 ° for -3dB
Horizontal beam width	18 ° for -3dB
VSWR	1,5 : 1 (typ); 1,9 : 1 (max)
Separation between connectors	> 37 dB
Back ratio	(max) -30 dB
Impedance	50 Ohm
Connector	2 x N/Female
Wind load	85 m/s
Mounting	to mast
Mast diameter	38 - 51 mm
Dimensions	390 x 430 mm
Weight with handle	1250 g
Warranty	36 months

RADIATION PATTERN

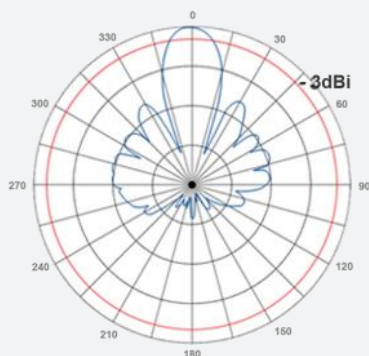
-I- horizontal



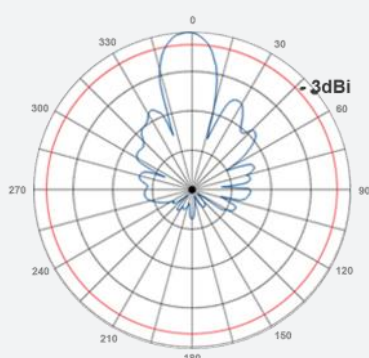
-I- vertical



-II- horizontal

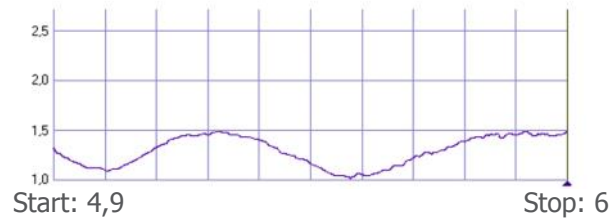


-II- vertical

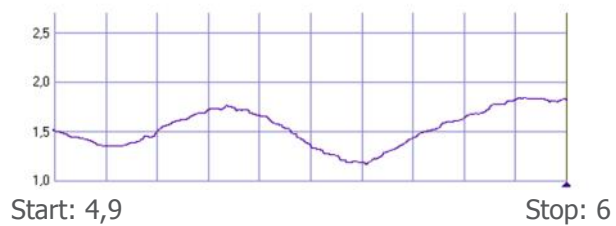


VSWR

(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

