

## TECHNICAL DESCRIPTION



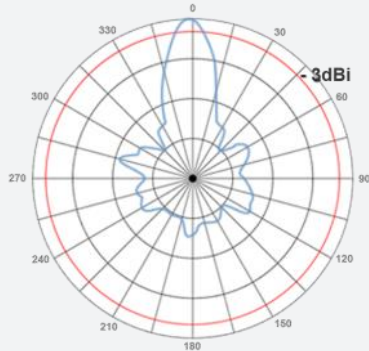
The flat panel PAN 24-19 antenna works at the 2,4 GHz frequency and offers 19 dBi gain. Antenna radome is constructed of the high quality ABS material, which protect it against severe weather conditions and solar radiation. There is used microwave PCB technology, which gives incomparable high gain in comparison with its dimensions. PAN 24-19 antenna is predicted to be used in client installations. Can cover the area up to 7-8km with the angle of 25 degrees. PAN 24-19 can work in the horizontal or vertical polarization, depending on antenna settings. The PAN 24-19 antenna system is equipped with the stainless bracket, which offer the tilt of 15 degrees.

## PRODUCT DETAILS

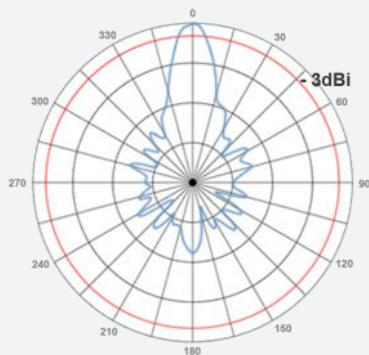
Antenna type	directional panel
Frequency range	2,4 - 2,5 GHz
Gain	19 dBi
Polarization	vertical or horizontal
Vertical beam width	20 ° for -3dB
Horizontal beam width	25 ° for -3dB
VSWR	1 : 1,6
Separation between connectors	n/a
Back ratio	n/a
Impedance	50 Ohm
Connector	N/Female
Wind load	56 m/s
Mounting	to mast
Mast diameter	30 - 50 mm
Dimensions	250 x 340 x 30 mm
Weight with handle	1244 g
Warranty	36 months

RADIATION PATTERN

-I- horizontal

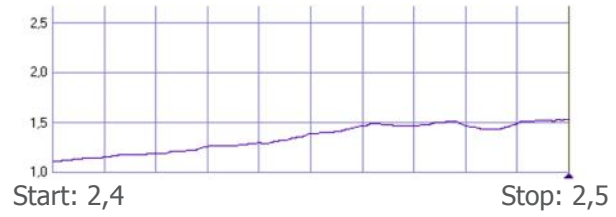


-I- vertical



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



RYSUNEK TECHNICZNY

