

## TECHNICAL DESCRIPTION



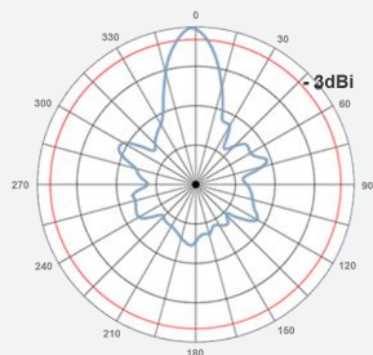
The flat panel PAN 24-16 antenna works at the 2,4 GHz frequency and offers 16 dBi gain. Antenna radome is constructed of the high quality ABS material, which protect it against severe weather conditions and solar radiation. There is used microwave PCB technology, which gives incomparable high gain in comparison with its dimensions. PAN 24-16 antenna is predicted to be used in client installations. Can cover the area up to 4-5km with the angle of 30 degrees. PAN 24-16 can work in the horizontal or vertical polarization, depending on antenna settings. The antenna comes N Female connector in standard. The PAN 24-16 antenna system is equipped with the stainless bracket, which offer the tilt of 15 degrees.

## PRODUCT DETAILS

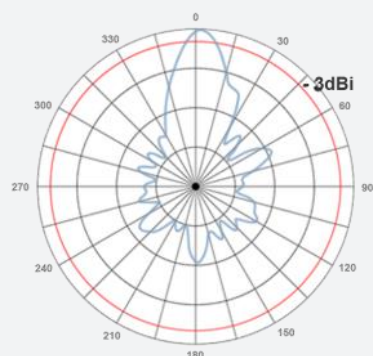
Antenna type	directional panel
Frequency range	2,4 - 2,5 GHz
Gain	16 dBi
Polarization	vertical or horizontal
Vertical beam width	23 ° for -3dB
Horizontal beam width	28 ° for -3dB
VSWR	1 : 1,5
Separation between connectors	-
Back ratio	-
Impedance	50 Ohm
Connector	N/Female
Wind load	85 m/s
Mounting	to mast
Mast diameter	30 - 50 mm
Dimensions	190 x 240 x 40 mm
Weight with handle	700 g
Warranty	36 months

## RADIATION PATTERN

-I- horizontal



-I- vertical

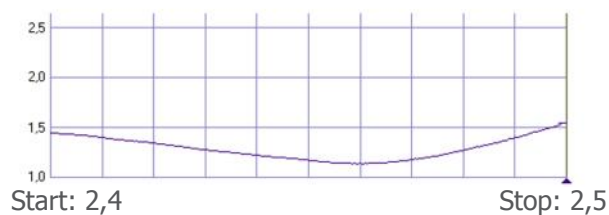


## VSWR

(VSWR) Ref Level : 0 dB  
Ref Offset : 0,0 dB

Detector : Sample  
Trigger Mode : Free Run  
Trace : Clear / Write

RBW : 1 kHz  
VBW : 3 MHz  
SWT : 1 s



## RYSUNEK TECHNICZNY

