SEC2415H



Key Features:

- 15 dBi Sectorial Gain
- Special Outdoor Weatherproof Enclosure
- Highest Ingress Protection IP 66
- High Quality Construction
- Minimized Sidelobes Level
- Horizontal Polarization
- Heavy-Duty Mounting Elements
- Easy Elevation and Tilt Adjustment
- 5 Years Warranty
- Designed for All Weather Operation

Applications:

- 2.4 GHz Band Wireless LAN
- IEEE 802.11b/g WLAN Systems
- Point to Multipoint Applications

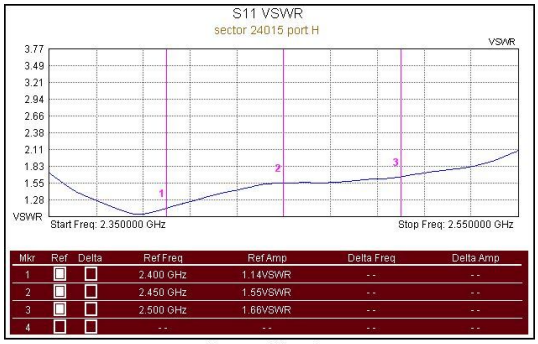
Description:

Sector antenna working in 2.4 GHz band with 15 dBi gain horizontal polarization. Because of reduced sidelobes, antenna keeps clear strong signal even in crowded radio enviroment. It´s resistant to interference from other networks and does not disrub to other. Antenna features no beam squint due to frequency change, it means that decreasing of data throughput or even loss of a link after frequency channel change does not occur. Perfectly designed for operation under severe weather conditions. A proper materials allow operation in the salt water environment without corrosion. Professional mounting system with 0-15 degrees scale guarantees easy and smooth tilt down as well as rock-stable operation.

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Electrical Properties	
Frequency	2.4 - 2.5 GHz
Gain	15dBi
Polarization	Horizontal
Beamwidth deg horizontal	90°(-3dB), 120°(-6dB)
Beamwidth deg vertical	12°
VSWR	<1,8
Impedance	50 ohm
Front to back ratio	> 35 dB
Enclosure Properties	
Technology:	Microstrip
Material:	UV protected
Colour:	White
Ingress Protection (EN 60529):	IP 66
Min temperature:	-40
Max temperature:	120
Mechanical Properties	
Input Connector	N-type / female
Outside Dimensions	580x125x50 mm
Weight	1.5kg

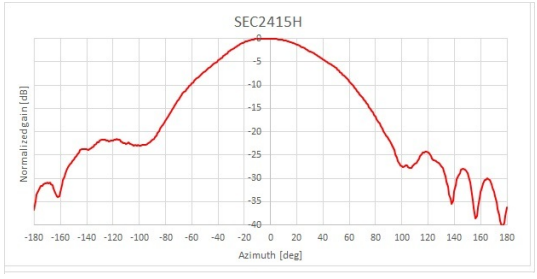
Specification subject to change without notice.



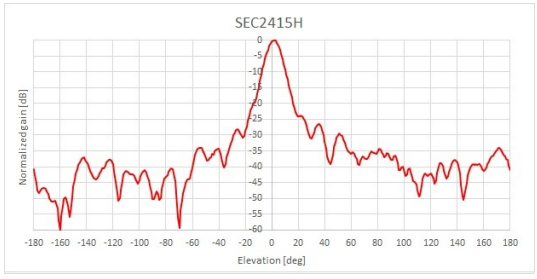
Mkr	Ref	Delta	Ref Freq	Ref Amp	Delta Freq	Delta Amp
1	☐	☐	2.400 GHz	1.14VSWR	- -	- -
2	☐	☐	2.450 GHz	1.55VSWR	- -	- -
3	☐	☐	2.500 GHz	1.66VSWR	- -	- -
4	☐	☐	- -	- -	- -	- -

Measurement Parameters

Calibration Status	On, FlexCal	Model	MS2026A
Data Points	551	Options	
Output Power	High	Serial Number	631033
RF Immunity	Low	Base Ver.	V3.51
Averaging	OFF	App Ver.	V1.88
Smoothing %	0	Date	1/16/2014 8:15:56 AM
Operator Name		Device Name	
Tower			



H-plane



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V-plane