SEC5016DP



Key Features:

- 2x16 dBi Sectorial Gain
- Dual Polarization H&V in One Case
- Special Outdoor Weatherproof Enclosure
- Highest Ingress Protection IP 66
- High Quality Construction
- Minimized Sidelobes Level
- Heavy-Duty Mounting Elements
- Easy Elevation and Tilt Adjustment
- 5 Years Warranty
- Designed for All Weather Operation

Applications:

- 5 GHz Band Wireless LAN
- MIMO standard
- IEEE 802.11n WLAN Systems
- Point to Multipoint Applications

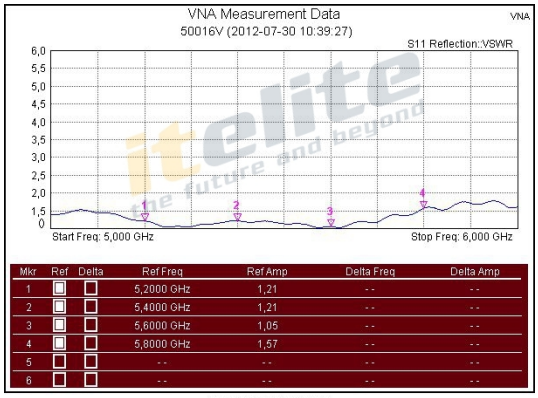
Description:

Sector antenna working in 5 GHz band with 2x16 dBi gain, dual polarizations for MIMO applications, 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 disturb 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	5.1 - 5.9 GHz
Gain	2x16dBi
Polarization	dual H&V
Beamwidth deg horizontal	90°(-3dB), 120°(-6dB)
Beamwidth deg vertical	10°
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
Wind Load	<60N@160Kmh
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			5,2000 GHz	1,21	- -	- -
2			5,4000 GHz	1,21	- -	- -
3			5,6000 GHz	1,05	- -	- -
4			5,8000 GHz	1,57	- -	- -
5			- -	- -	- -	- -
6			- -	- -	- -	- -

Measurement Parameters

Calibration Status	On	Serial Number	631033
Data Points	551	Base Ver.	V1.35
Output Power	High	App Ver.	V1.44
Start Frequency	5,000 GHz	Date	2012-07-30 10:39:27
Stop Frequency	6,000 GHz	Device Name	

VSWR

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