



SEC-XL5018DPx2

Key Features:

- 4x18 dBi Sectorial Gain
- 2 x Dual Polarizations H&V in One Case
- Special Outdoor Weatherproof Enclosure
- Highest Ingress Protection IP 67
- 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
- 2 x MIMO standard
- IEEE 802.11a/n WLAN Systems
- Point to Multipoint Applications

Description:

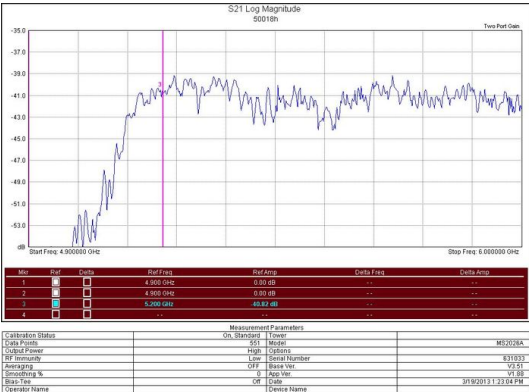
Sector antenna working in 5 GHz band, 2 x dual H&V polarization with 4x18 dBi gain, Ideal solution for MIMO applications, Because of reduced sidelobes, antenna keeps clear strong signal even in crowded radio environment. It's resistant to interference from other networks and does not disturb to other. 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.

The sector antenna can be furnished with an adapter dedicated for:

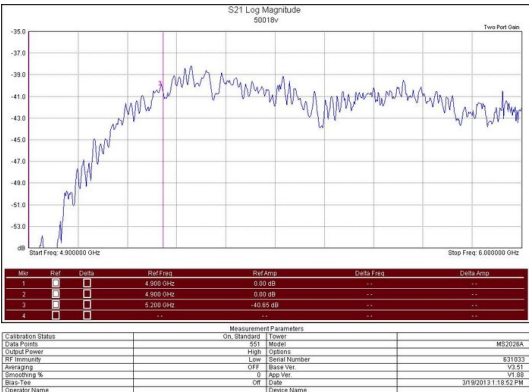
- **Cambium ePMP1000, PMP450 or Ubnt Rocket M5**

Electrical Properties	
Frequency	5.15
Gain	4x18dBi
Polarization	2xdual H&V
Beamwidth deg horizontal	90°(-3dB), 120°(-6dB)
Beamwidth deg vertical	6°
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 67
Min temperature:	-40°C / -40°F
Max temperature:	80°C / 176°F
Mechanical Properties	
Input Connector	4xN-type / female
Wind Load	<60N@160Kmh
Outside Dimensions	580x260x50 mm
Weight	1.5kg / 3.3lbs

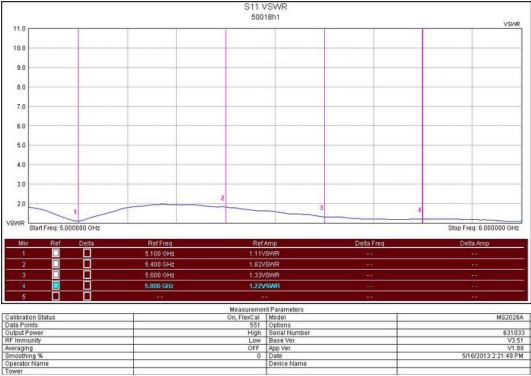
Specification subject to change without notice.



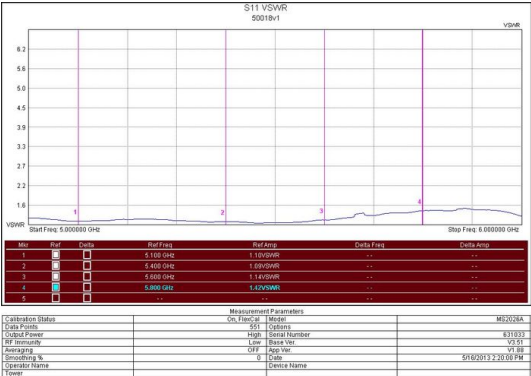
S21, port H



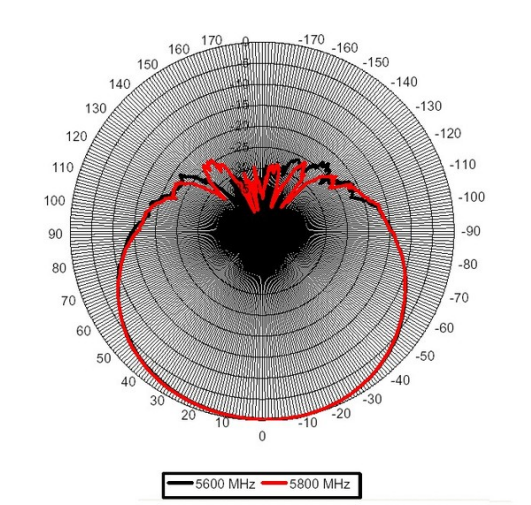
S21, port V



VSWR, port H



VSWR, port V



H-plane