

## 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:

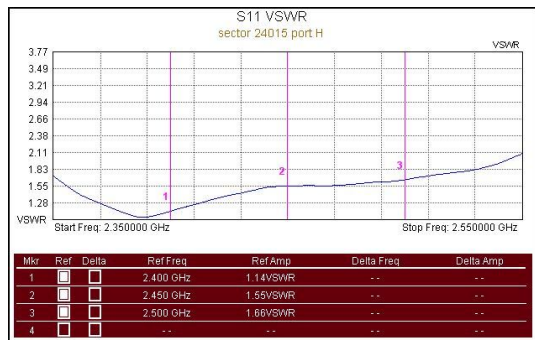
- 2.4 GHz Band Wireless LAN
- IEEE 802.11b/g WLAN Systems
- Point to Multipoint Applications

### Description:

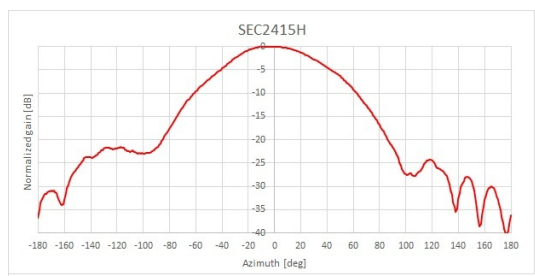
Sector antenna working in 2.4 GHz band with 15 dBi gain horizontal polarization. Because of reduced sidelobes, antenna keeps clear strong signal even in crowded radio environment. It's resistant to interference from other networks and does not disturb to other. Antenna features no beam squint due to 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.

| 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                 |

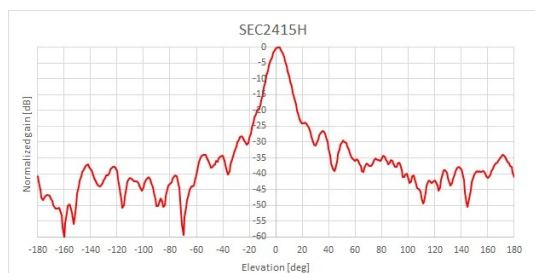
Specification subject to change without notice.



| 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



V-plane