
SRA 50016 dual H&V - 2x16dBi Sector Antenna with Radio Compartment

Key Features:

- **2x16 dBi Sectoral Gain**
- **Multipolarization H&V in One Case**
- Weatherproof Enclosure for Outdoor Use
- **Enough Space for Your Electronics**
- High Quality Construction
- Aesthetically Pleasing
- Great Impedance Matching
- ULTRA LOW SIDELOBES
- 5 Years Warranty
- Heavy-Duty Mounting Elements

Applications:

- 5 GHz Band Wireless LAN
- IEEE 802.11a WLAN Systems
- Point to Multipoint Applications
- Integrated Radio/Units

Description

Two sector antennas with multipurpose enclosure working in 5 GHz band with 16 dBi gain with vertical and horizontal polarization. The range includes weatherproof outdoor enclosure with integrated sector antennas and enough compartment for RouterBoard or any other electronic equipment. Inside enclosure there is attached special RJ-45 with waterproof Ethernet with easy connection to Internet Network and PoE. 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 disrupt to other. High quality construction of pole mounting elements guarantees an easy elevation adjust. This product is well suited to point to multipoint applications for highly professional solutions. SRA50016V includes 6 movable posts with self tapping screw and double sided tape to mount your electronics.



Electrical Properties

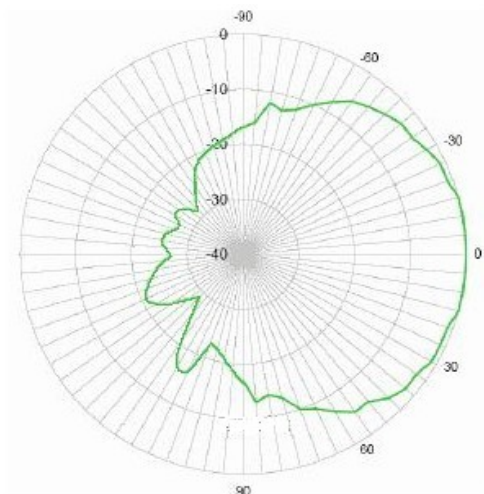
Frequency	4900 – 6000 MHz
Gain	2x16 dBi
Polarization	Multipolarization (H&V)
Beamwidth deg horizontal	90°
Beamwidth deg vertical	8°
VSWR	< 1.4
Impedance	50 Ohm
Sidelobe suppression	> 20 dB
Front to back ratio	> 25 dB

Mechanical Properties

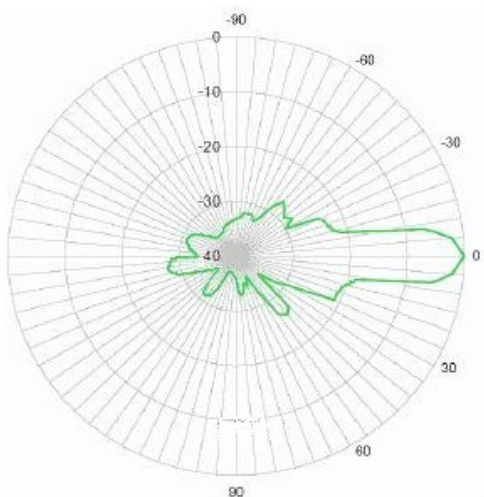
Technology	Microstrip
Antenna Connector	2xSMA, RSMA, or N-female
Input Connector	RJ-45 with waterproof PoE
Outside Dimensions	360x260x100 mm
Inside Dimensions	300x200x60 mm
Weight	1.6kg
Radome material	ABS
Color	Gray
Construction	All – weather operation
Mounting Kit	50.8 mm

Antenna Patterns

Azimuth



Elevation



VSWR

VNA Measurement Data

VNA

