



4ipnet ANT-SE242516C is a vertical polarized sector-directional antenna with a N-type female connector designed for increase the wireless efficiency at 2.4GHz. Providing **13~16 dBi gain** in vertical polarization, the antenna is suitable for use with 802.11n(2.4Ghz) access points.

ANT-SE242516C is a rugged outdoor antenna that offers flexible deployment options, supports mid-range wireless transmissions, and provides extreme performance. The antenna is professionally engineered and manufactured from the highest quality components. The rust-proof and watertight, the antenna is covered with fiber glass and aluminum base to sustain long periods of outdoor exposure. To ensure the quality of the antenna, all antennas undergo a strict quality test.

The antenna's mounting kit also has the capability of being rotated to alter its polarity, accommodating various deployment needs. Included with the antenna is a mounting bracket that allows the antenna to be mounted on masts with up to 2-inch outside diameter. The "L" style saddle used to mount the antenna can also be adjusted up or down 30° to support multiple antenna configuration.

SPECIFICATIONS

Electrical Specifications

- Frequency Range: 2.400GHz ~ 2.500GHz
- Gain (Max): 13-16 dBi
- Vertical Beam-width: 7-12°
- Horizontal Beam-width: 45~120°
- V.S.W.R (Max) \leq 1.5
- Return Loss : \geq -15dBi,
see the chart in page 2, (e.g. -22.12 at 2.400GHz. -17.52 at 2.475GHz,)
- Antenna Type: Dipole Array
- Radiation: Directional
- Polarization: Vertical
- Maximum Power: 50W
- Impedance: 50 Ohm
- Connector: N-Female x 1

Mechanical Specifications

- Length: 485*200mm
- Depth: 80mm
- Antenna Weight: 2000g
- Accessories Weight: 300g
- Wide Survival: >150MPH
- Radom Material: ABS + Glass Fiber
- Base Plate Material: Aluminum
- Mounting Kit Material: Stainless Steel and Aluminum
- Mount Style: Pole Mount (pole is not included)
- Operating Temperature: -40°C to +60°C
- RoHS Compliant: Yes

APPLICATIONS & FEATURES

Antenna Applications

- IEEE802.11n coverage
- Outdoor/indoor Wi-Fi access point or CPE
- WISP, Wireless backhaul
- Point-to-multipoint
- Wireless video surveillance

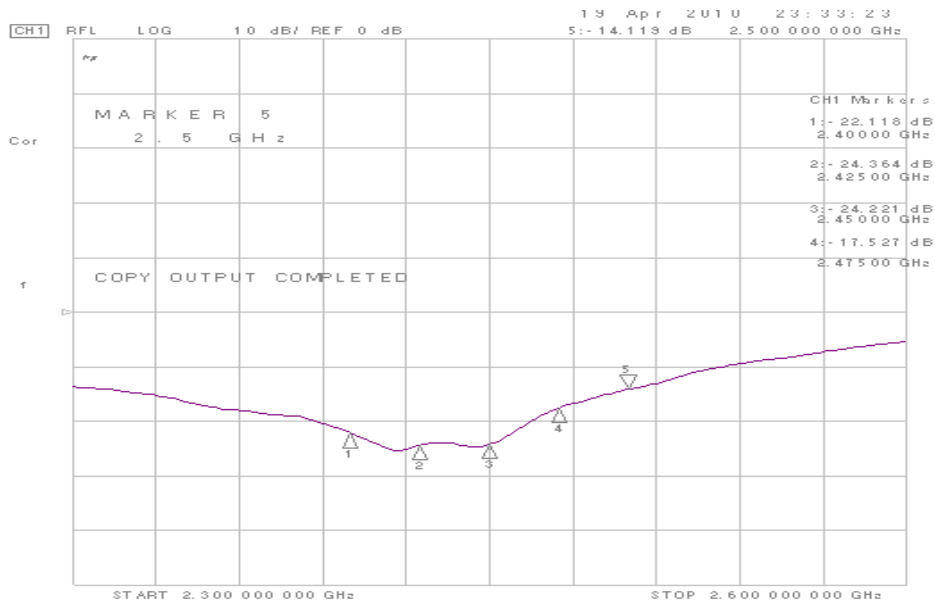
Features

- Superior performance
- Light-weight
- All-weather operation
- DC short lightning protection
- Wide frequency
- Includes tilt and swivel mast mount kit

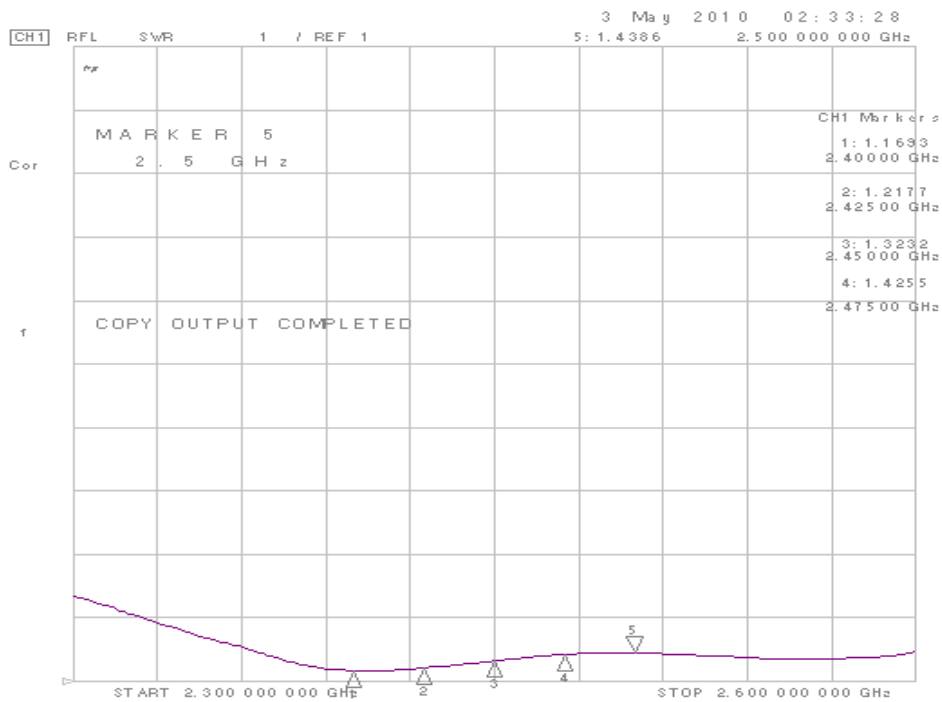


RETURN LOSS & V.S.W.R

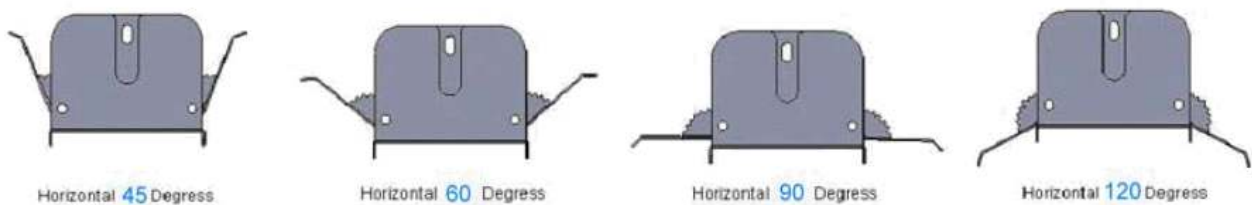
Return Loss



V.S.W.R



Adjustable Angle



Antenna Pattern

