

2.4 - 2.5 GHz 15dBi Omni-Directional Antenna

APPLICATIONS AND FEATURES

Applications:

- 2.4-2.5 GHz ISM Band
- IEEE 802.11b, 802.11g, 802.11n Wireless LAN
- Directional and multipoint applications
- Bluetooth
- Public Wireless Hotspot
- WiFi, RFID
- Wireless Video Systems

Features :

- Superior performance
- Light weight
- All weather operation
- DC Short lightning protection
- Installed for vertical
- Includes tilt and swivel mast mount

SPECIFICATIONS:

Electrical Specifications

Frequency Range	2400 – 2500 MHz
V.S.W.R	1.3
Return Loss	-20db
Antenna Type	Collinea
Gain	15dBi
Polarization	Vertical
Maximum Power	50W
Vertical Beam-with	6 °
Horizontal Beam-with	360 °
Impedance	50 Ohm
Connector	N-Female

Mechanical Specifications

Length	1500mm
Diameter	25mm
Weight	900g
Wind Survival	> 150 MPH
Radome Material	White Fiberglass
Operating Temperature	- 40 to + 80
Clamps	U-bolt
Mounting	32 – 45mm
RoHS Compliant	Yes



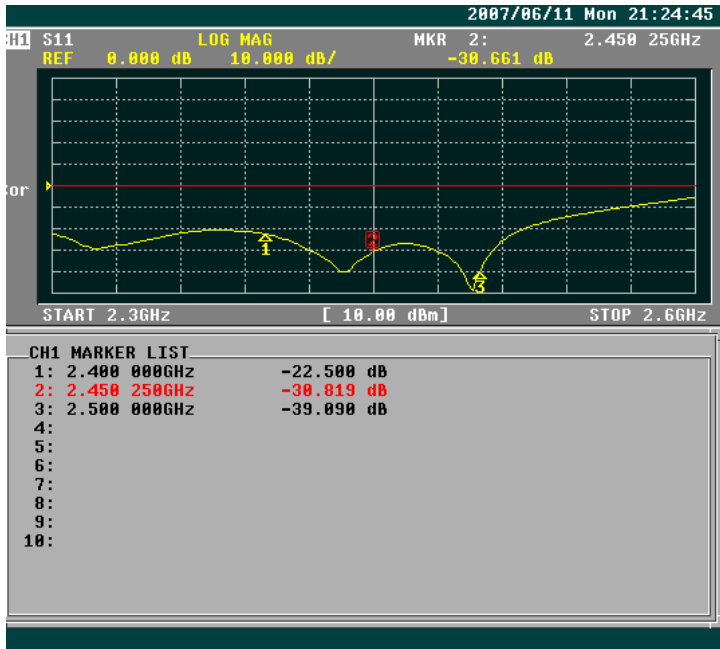
Aggrandiz brace



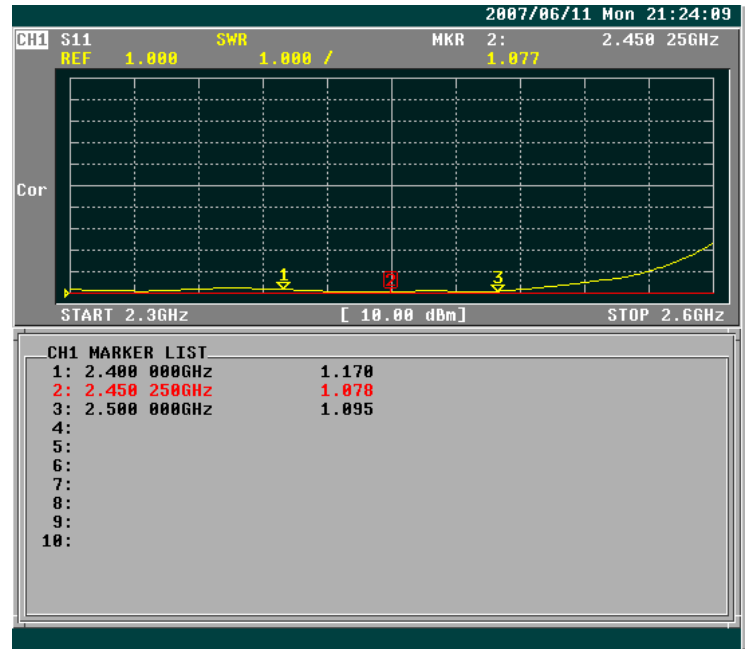
OA-2415 antennas are professionally engineered and manufactured with the highest industry quality at the lowest possible price providing extreme value. This Omni antenna is designed for the 2.4GHz ISM band, supporting 2.4 to 2.5 GHz and provides superb performance in IEEE 802.11b/g WiFi and Bluetooth applications.

The antenna includes mounting bracket and hardware for up to 2" OD masts. Made with fiberglass and comes with an integrated N Female connector.

Return loss & V.S.W.R

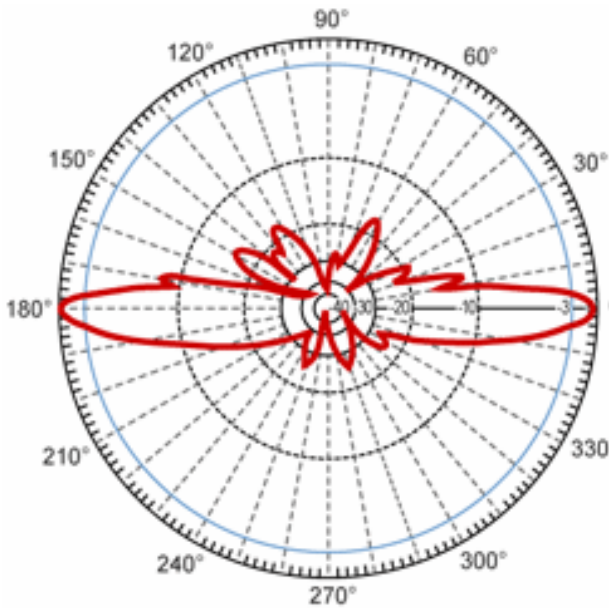


Return loss



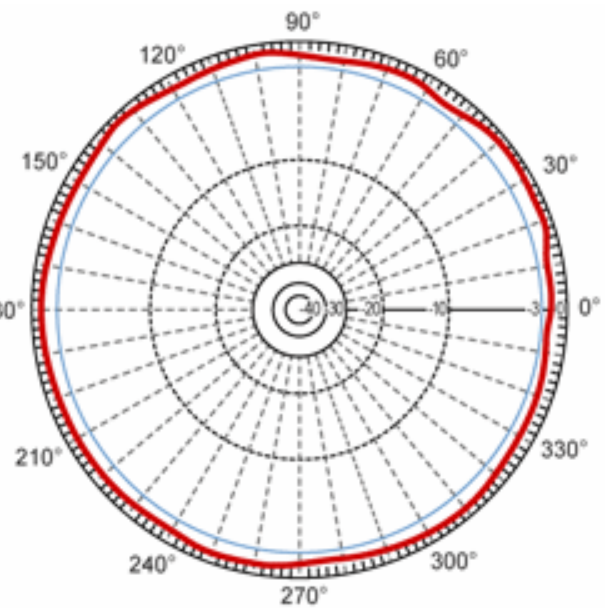
V.S.W.R

Antenna Vertical & Horizontal Pattern



Vertical

E-plane co-pol ----- 3-dB beam-with=6°



Horizontal

H-plane co-pol ----- 3-dB beam-with=360°