

2.4GHz GRID Antenna 24 dBi GA-2450-24

APPLICATIONS AND FEATURES

Applications:

- 2.4GHz-2.5GHz 24dbi ISM Band
- IEEE 802.11b, 802.11g, 802.11n Wireless LAN
- Directional and multipoint applications
- Wi-Fi systems
- Wireless Video Systems

Features :

- Superior Performance
- The Weight is light
- All weather operation
- Optional Mounting Kits available
- Durable UV-stable .UL flame rated radome
- Low loss solid brass elements
- Heavy Duty mounting
- RoHS Compliant



SPECIFICATIONS:

Electrical Specifications

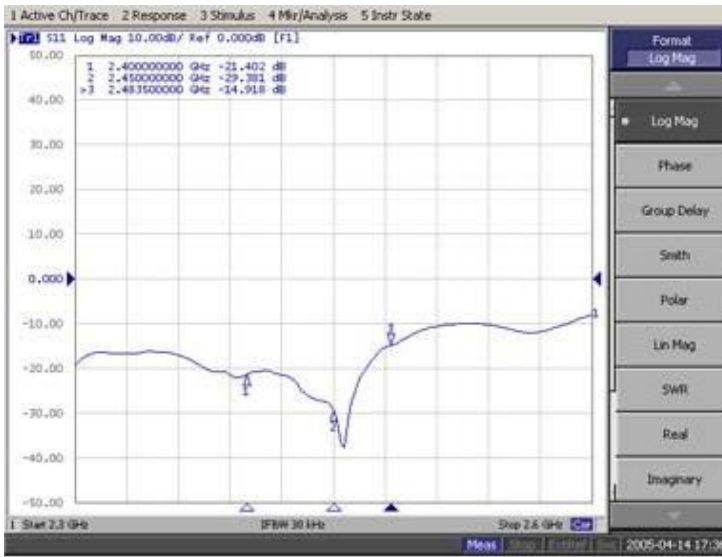
Frequency Range	2400 - 2500MHz
V.S.W.R	$\leq 1.5:1$
Return Loss	$\geq -14\text{db}$
Gain	24dBi
Polarization	Vertical or Horizontal
Maximum Power	50W
Vertical Beam-with	14°
Horizontal Beam-with	10°
Impedance	50Ω
Connector	N-Female

Mechanical Specifications

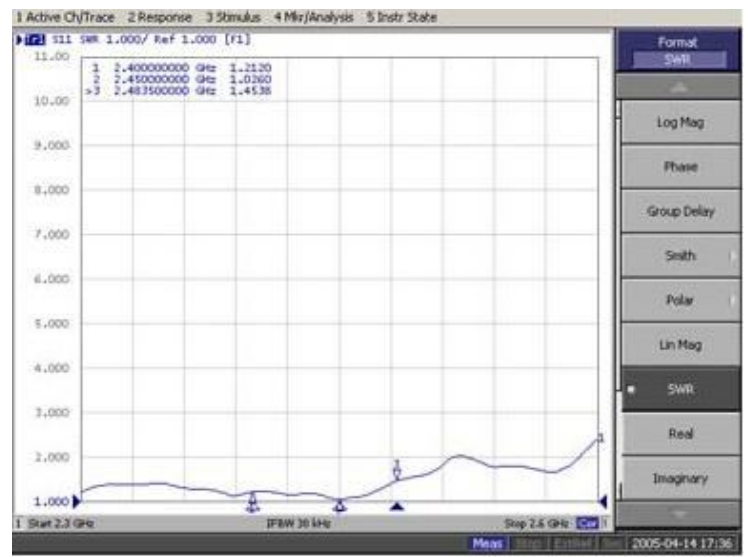
Length	600x 1000mm
Weight	4080g
Wind Survival	> 150 MPH
Operating Temperature	-40°C to +80°C
Clamps	U-bolt
Mounting	86-126mm
RoHS Compliant	Yes

TESTING REPORT

Return Loss



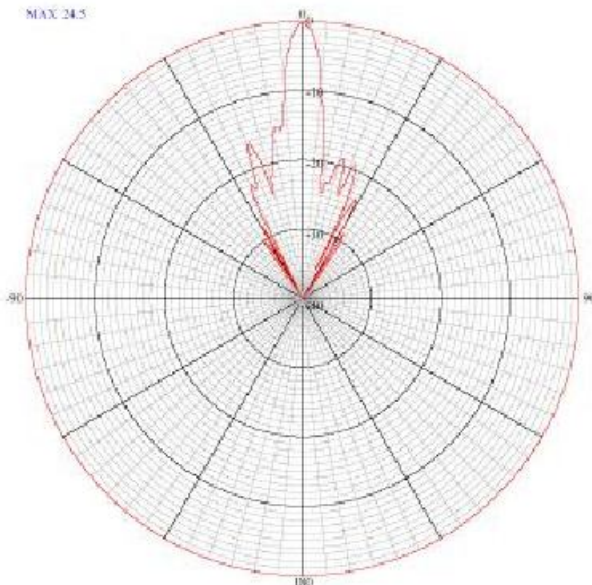
V.S.W.R



Antenna Vertical & Horizontal Pattern

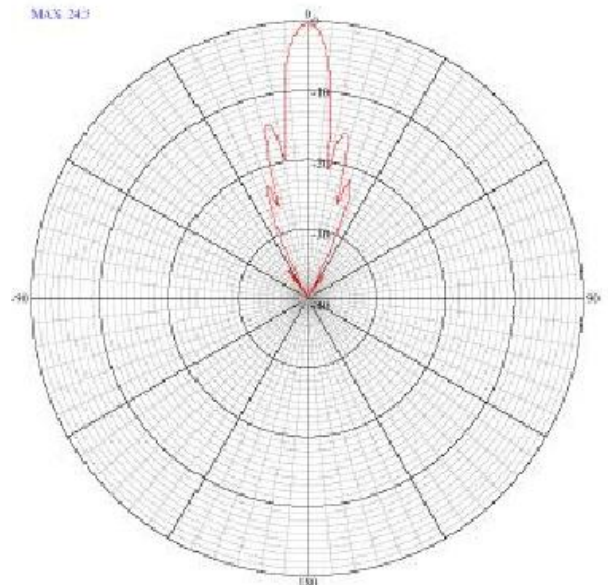
Vertical

Co-Pol - 90 deg Cut

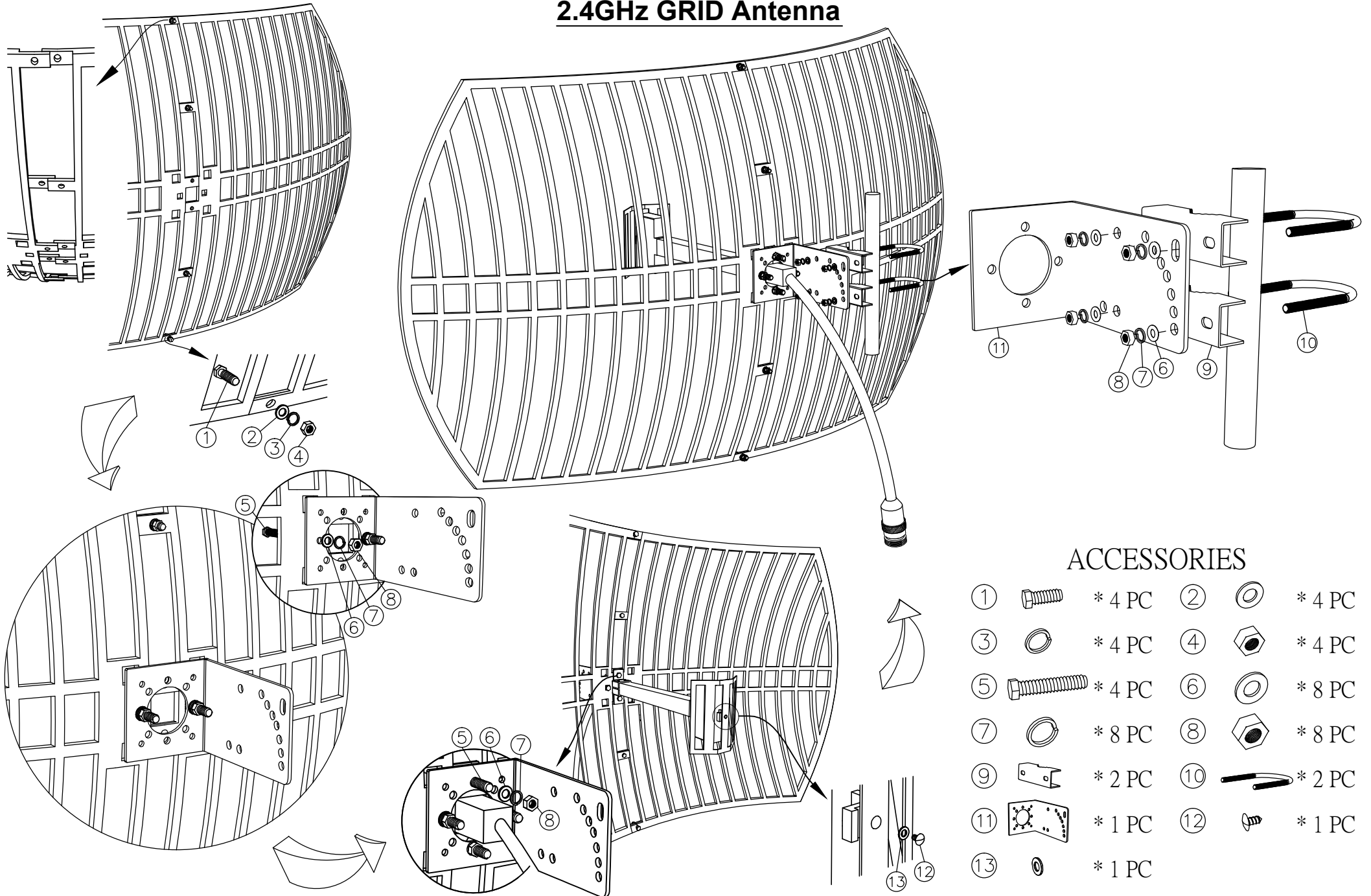


Horizontal

Co-Pol - 0 deg Cut



2.4GHz GRID Antenna



ACCESSORIES

- | | | | | | |
|---|--|--------|---|--|--------|
| ① | | * 4 PC | ② | | * 4 PC |
| ③ | | * 4 PC | ④ | | * 4 PC |
| ⑤ | | * 4 PC | ⑥ | | * 8 PC |
| ⑦ | | * 8 PC | ⑧ | | * 8 PC |
| ⑨ | | * 2 PC | ⑩ | | * 2 PC |
| ⑪ | | * 1 PC | ⑫ | | * 1 PC |
| ⑬ | | * 1 PC | | | |

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