



**WIFI-Link™ Technologies Inc.**

歲海尼可網路科技有限公司

WEB: <http://www.wifi-link.com.tw/> TEL: 06-2523801 FAX: 06-2526033

## 12dBi 全向型天線(2.4GHz OMNI Antenna)

WLO-2450-12-02

### APPLICATIONS AND FEATURES

#### Applications:

- 2.4GHz-2.5GHz 12dbi ISM Band
- IEEE 802.11b/g/n Wireless LAN
- Directional application
- Bluetooth、Wi-Fi, RFID
- Public Wireless Hotspot
- Wireless Video Systems

#### Features :

- Superior Performance
- The Weight is light
- Good appearance design
- Installed for vertical or horizontal polarization
- Heavy Duty mounting
- RoHS Compliant



### SPECIFICATIONS:

#### Electrical Specifications

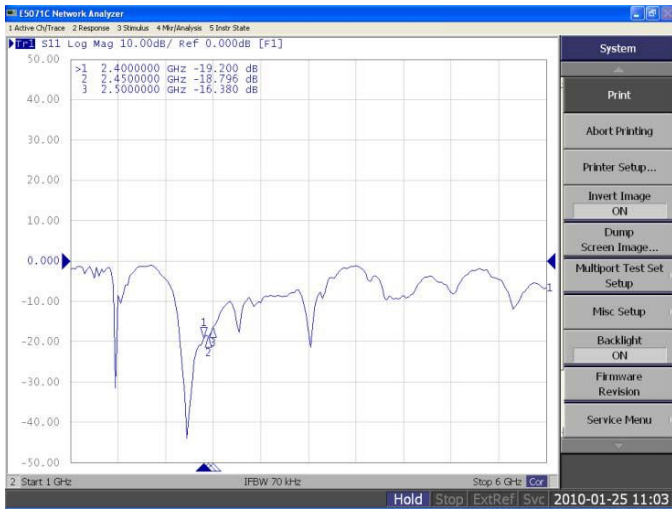
Frequency Range	2400~2483 MHz
V.S.W.R	≤ 1.5:1
Return Loss	≥ -14db
Antenna Type	Collinear
Gain	12dBi
Polarization	Vertical
Maximum Power	50W
Vertical Beam-with	8°
Horizontal Beam-with	360°
Impedance	50Ω
Connector	N-Female

#### Mechanical Specifications

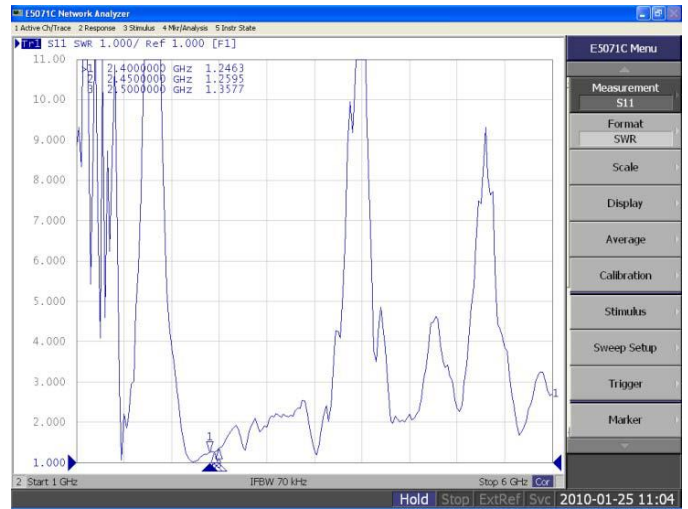
Dimension	φ 35x1110mm
Weight	260g
Wind Survival	> 150 MPH
Radome Material	White Fiberglass
Operating Temperature	-40°C to +80°C
Clamps	Multiple options
Mounting	Multiple options

# TESTING REPORT

## Return Loss



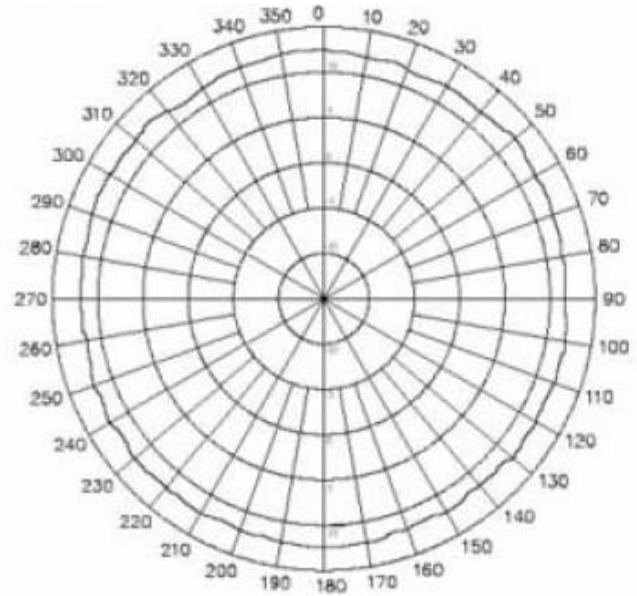
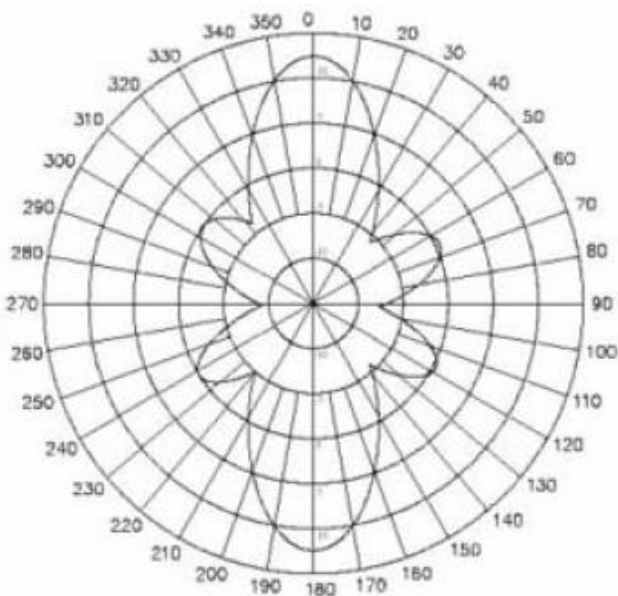
## V.S.W.R



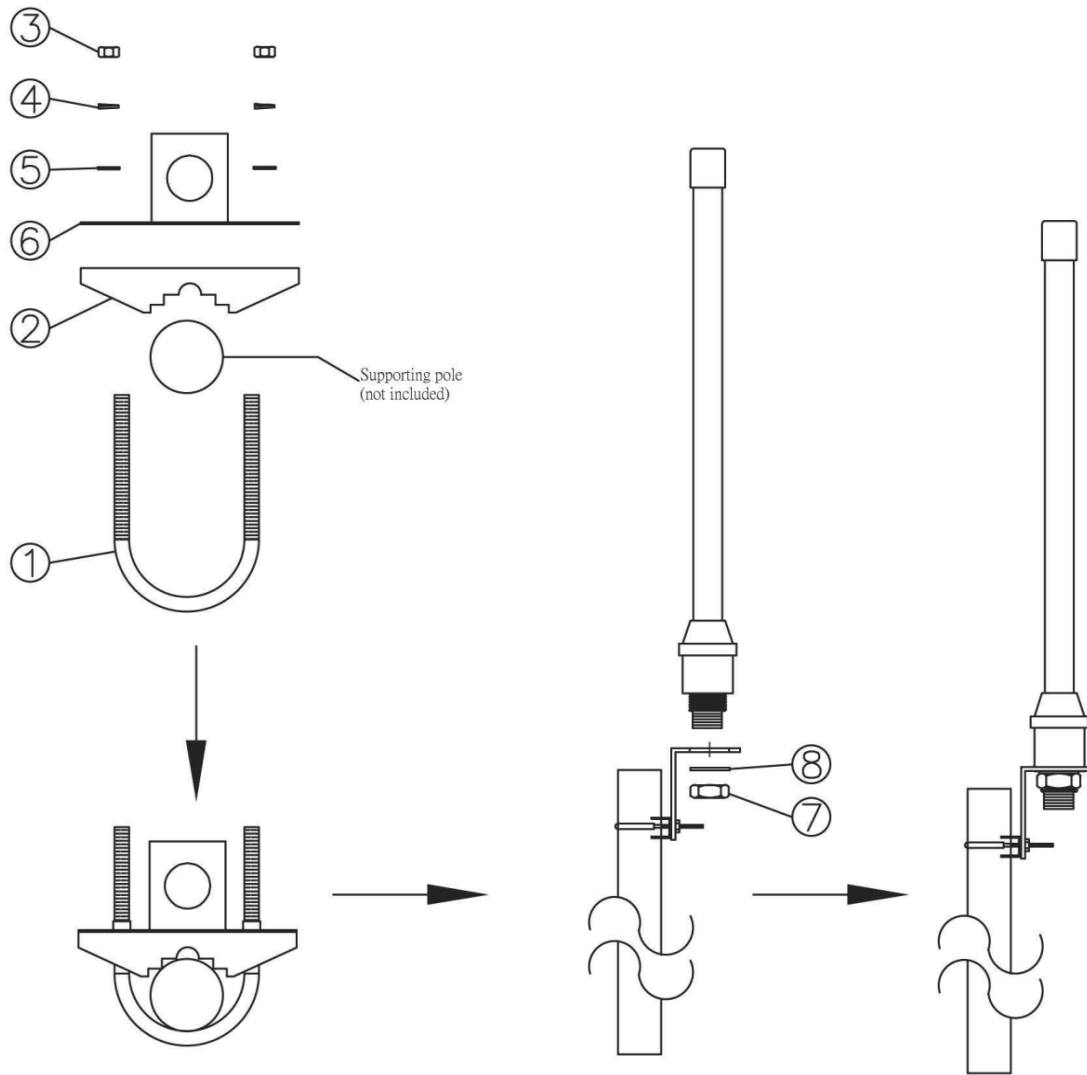
## Antenna Vertical & Horizontal Pattern

### Vertical





### Horizontal







# WLO-2450-12-02



## ACCESSORIES

- ①  \* 1 PC
- ③  \* 2 PC
- ⑤  \* 2 PC
- ⑦  \* 1 PC

- ②  \* 1 PC
- ④  \* 2 PC
- ⑥  \* 1 PC
- ⑧  \* 1 PC



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