



**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

## 8dBi 全向型天線(2.4GHz OMNI Antenna)

WLO-2450-08

### APPLICATIONS AND FEATURES

#### Applications:

- 2.4GHz-2.5GHz 8dbi ISM Band
- IEEE 802.11b,802.11g,802.11b/g,802.11n Wireless Lan
- Omni Directional Multipoint applications
- Bluetooth ,Point to Multipoint
- Pubic Wireless Hotspot
- WiFi,RFID
- Wireless Video Systems

#### Features :

- Superior Performance
- The Weight is light
- Good appearance designs
- Installed for Collinear Vertical Polarization
- Behind and support is an aluminum
- Outdoor antenna for public Hot spots
- RoHS Compliant



### SPECIFICATIONS:

#### Electrical Specifications

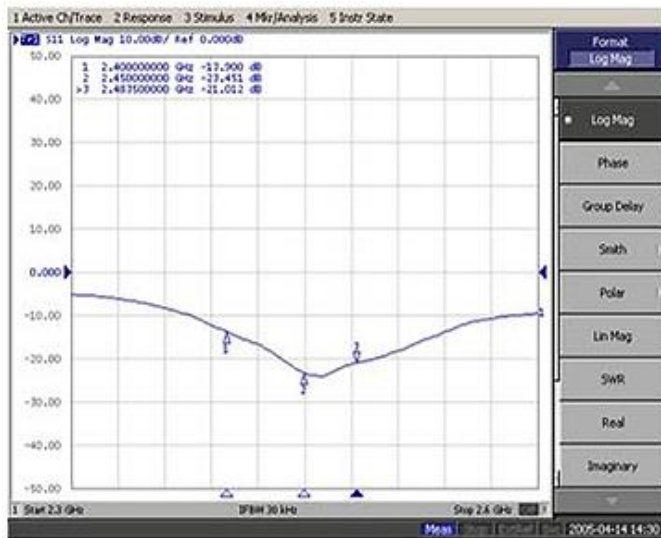
Frequency Range	2400~2483 MHz
V.S.W.R	$\leq 1.5$
Return Loss	$\geq -14\text{db}$
Antenna Type	Collinear
Gain	8dBi
Polarization	Vertical
Maximum Power	50W
Vertical Beam-with	15°
Horizontal Beam-with	360°
Impedance	50Ω
Connector	N Female

#### Mechanical Specifications

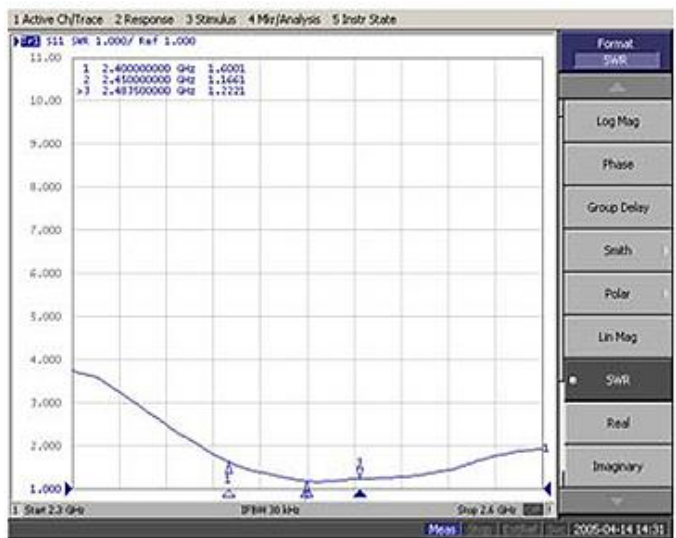
Length	425mm
Diameter	35mm
Weight	480g
Wind Survival	> 150 MPH
Radome Material	White Fiberglass
Clamps	U-bolt
Mounting	32~45mm
Operating Temperature	-40°C to +80°C
RoHS Compliant	Yes

# TESTING REPORT

## Return Loss

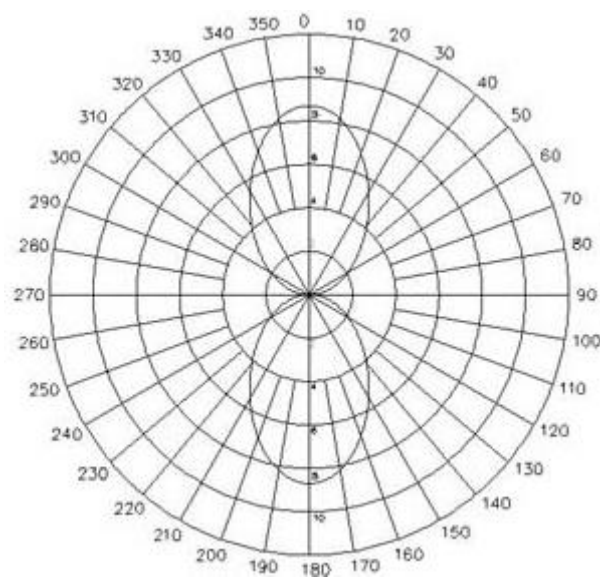


## V.S.W.R

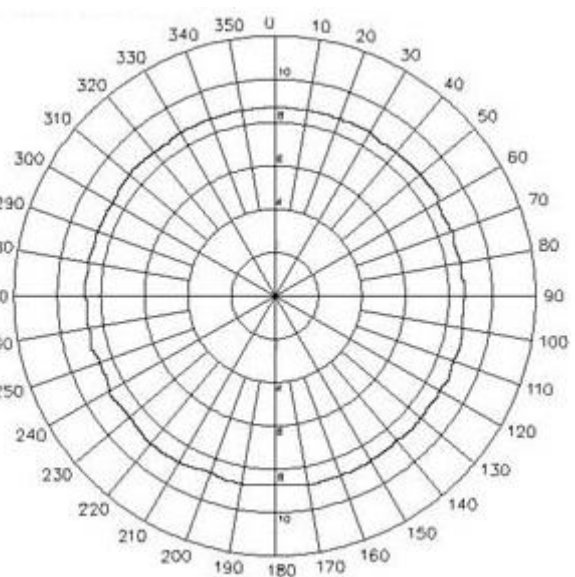


## Antenna Vertical & Horizontal Pattern

### Vertical



### Horizontal

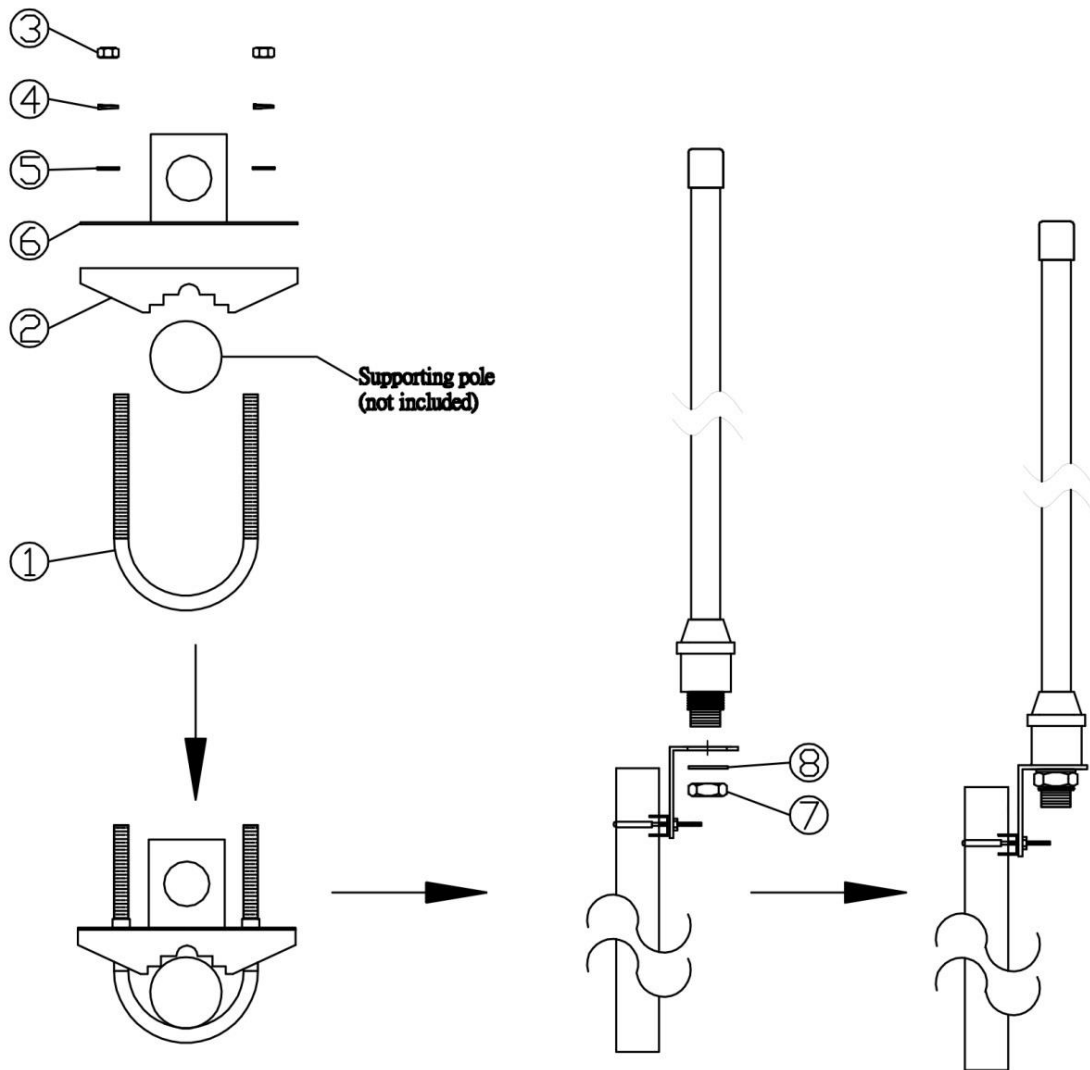


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# WLO-2450-08



## ACCESSORIES

- |   |  |        |   |  |        |
|---|--|--------|---|--|--------|
| ① |  | * 1 PC | ② |  | * 1 PC |
| ③ |  | * 2 PC | ④ |  | * 2 PC |
| ⑤ |  | * 2 PC | ⑥ |  | * 1 PC |
| ⑦ |  | * 1 PC | ⑧ |  | * 1 PC |

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