



**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

## 24dBi 網狀拋物面天線 (5.8GHz GRID Antenna)

### WLG-5775-24

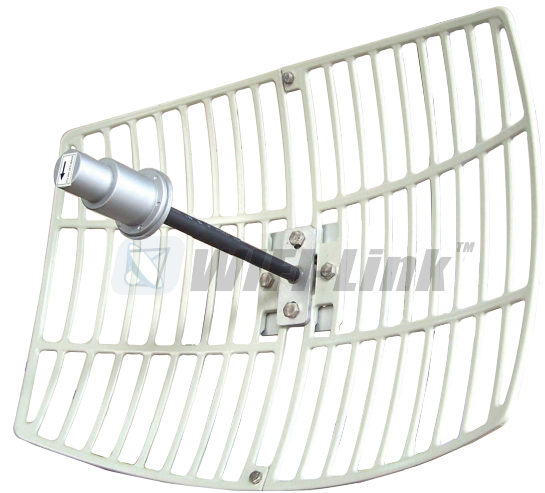
#### APPLICATIONS AND FEATURES

##### Applications:

- 5.725GHz-5.85GHz 24dBi ISM Band
- IEEE 802.11a Application
- Public Wireless Hotspot
- Wi-Fi
- 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

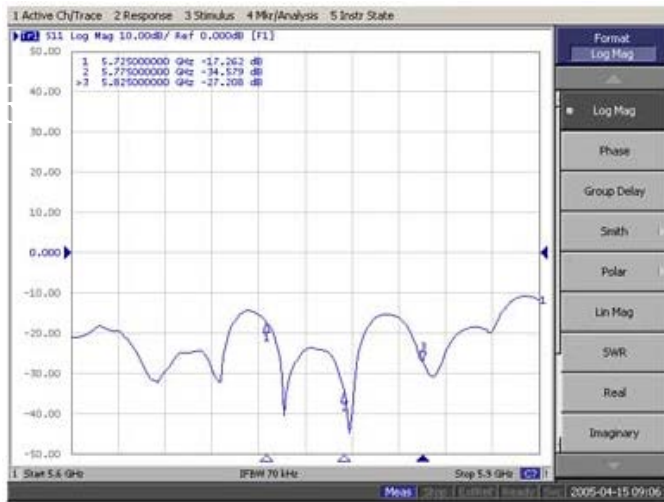
Frequency Range	5725 - 5850MHz
V.S.W.R	$\leq 1.5:1$
Return Loss	$\geq -14\text{db}$
Gain	24dBi
Polarization	Vertical or Horizontal
Maximum Power	50W
Vertical Beam-with	14°
Horizontal Beam-with	10°
Impedance	50Ω
Connector	N-Female

##### Mechanical Specifications

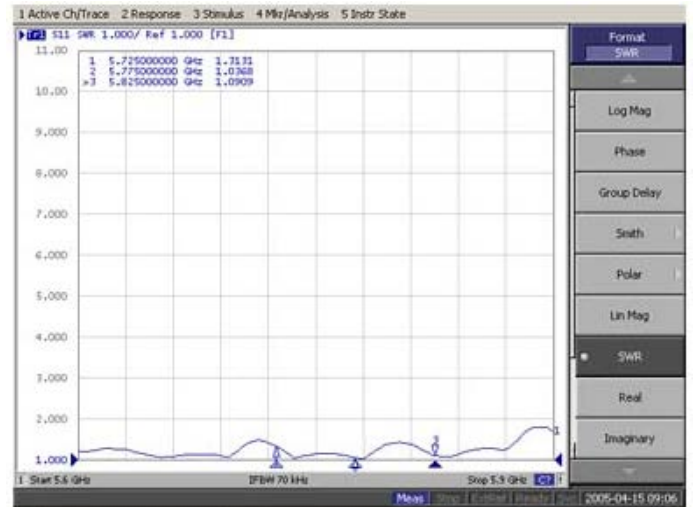
Dimension	300x 400mm
Weight	2500g
Wind Survival	> 150 MPH
Clamps	U-bolt
Mounting	86-126mm
Operating Temperature	-40°C to +80°C

# TESTING REPORT

## Return Loss

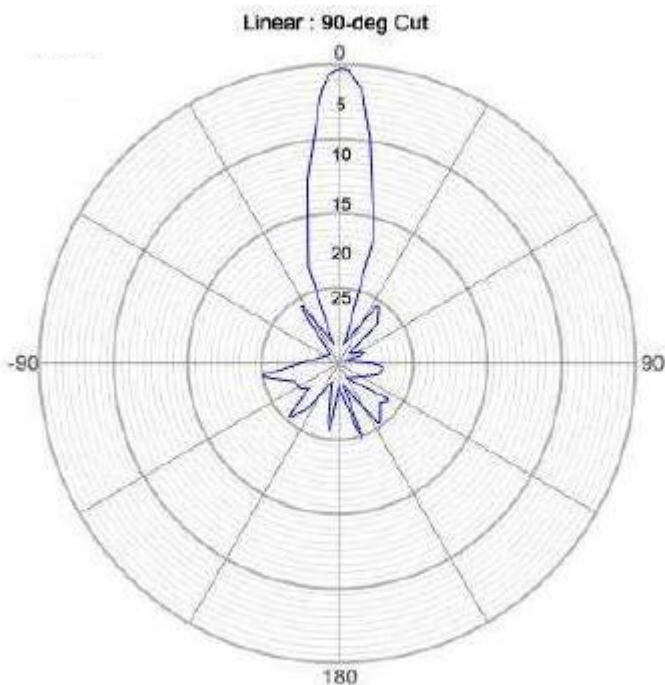


## V.S.W.R

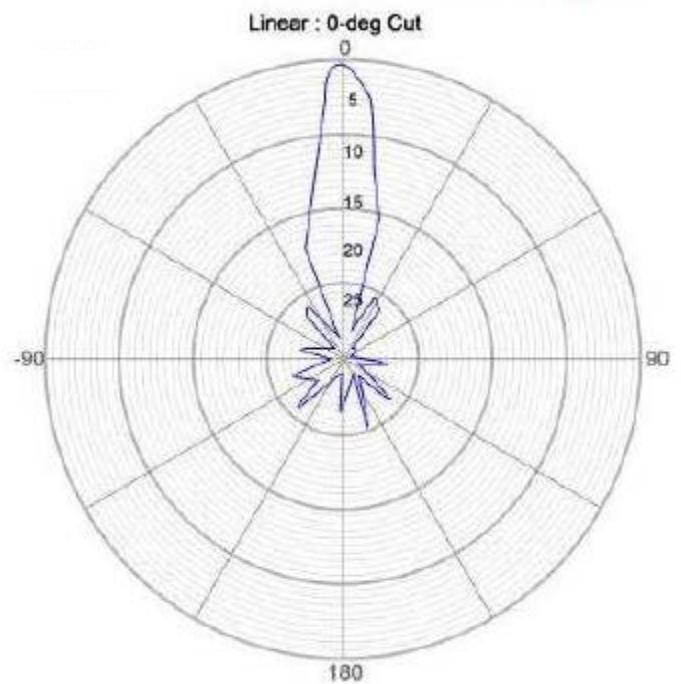


## Antenna Vertical & Horizontal Pattern

### Vertical



### Horizontal

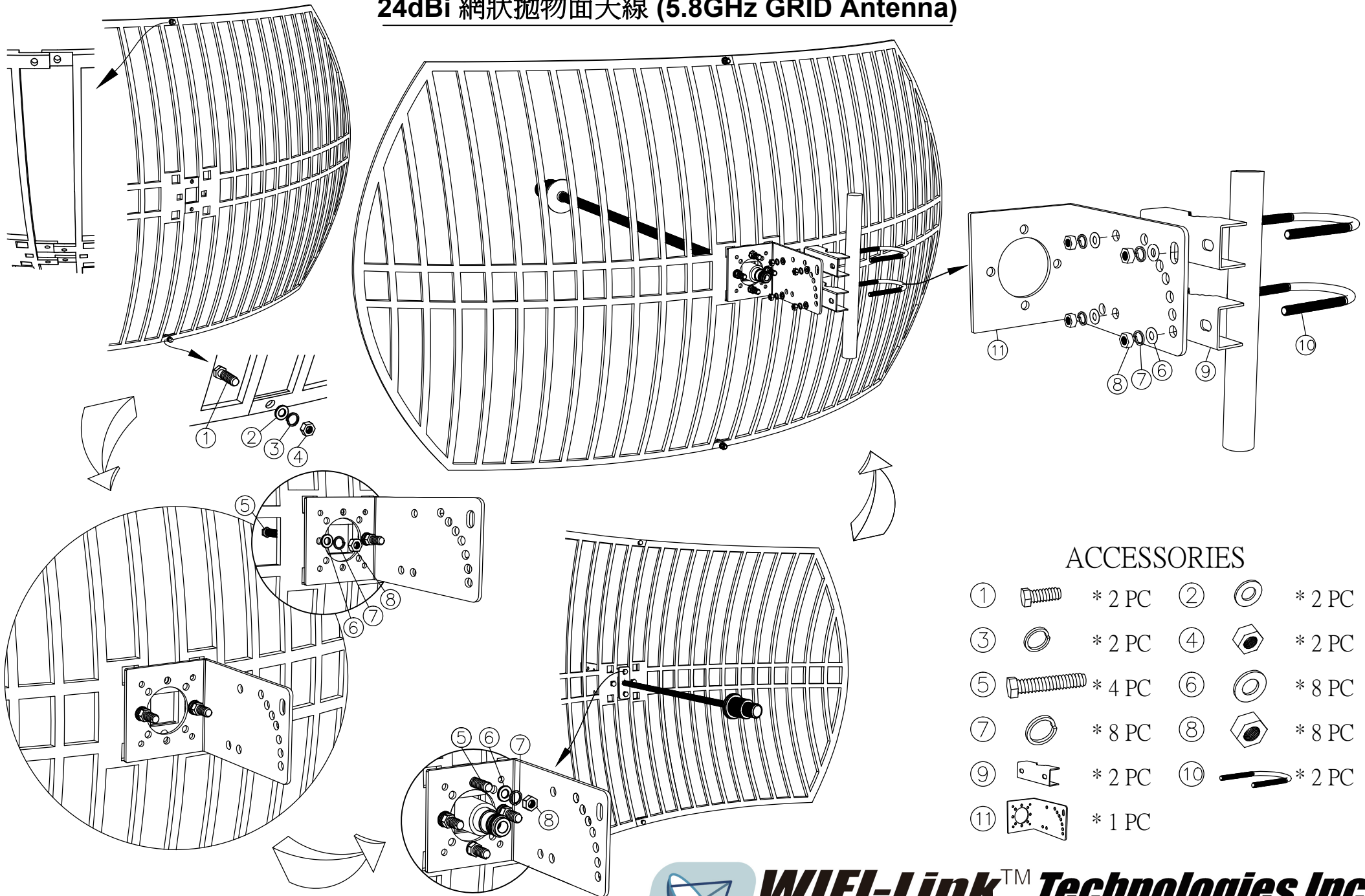


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## ACCESSORIES

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