



**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

## 7dBi 黑色船槳雙頻天線 (2.4/5GHz)

WLD3-5024-07-01

### APPLICATIONS AND FEATURES

#### Applications:

- 2.4GHz-2.5GHz / 5.15~5.85 GHz ISM Band
- IEEE 802.11a/b/g/n Wireless LAN
- IEEE 802.11ac Wireless LAN
- 802.16WiMax Networks
- Public Wireless Hotspot
- Bluetooth、Wi-Fi、RFID
- Wireless Video Systems
- Directional and multipoint application



#### Features :

- Superior Performance
- Made with weatherproof and corrosion resistant
- Good appearance design
- Installed for vertical or horizontal polarization
- Outdoor antenna for public Hot spots
- Heavy Duty mounting
- RoHS Compliant

### SPECIFICATIONS:

#### Electrical Specifications

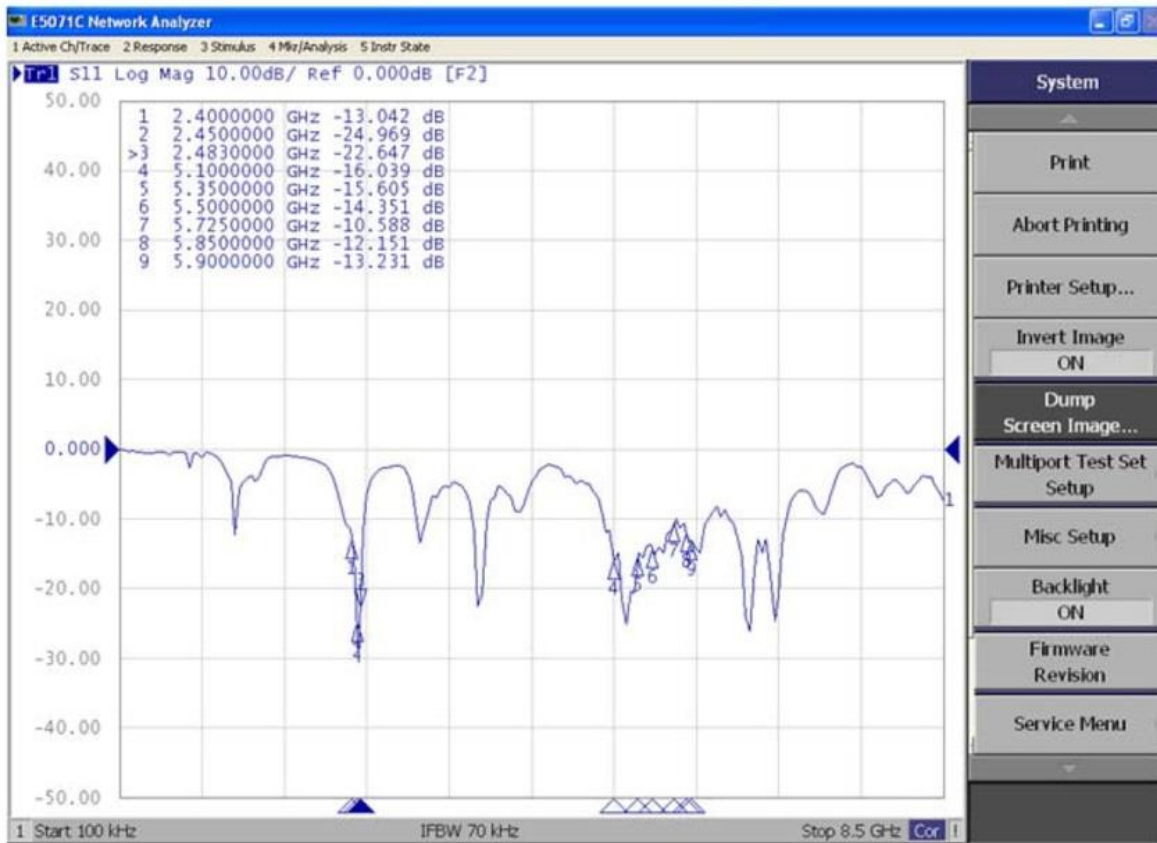
Frequency Range	2400~2500 MHz 5150~5850 MHz
V.S.W.R	≤ 2.0:1
Antenna Type	PCB
Gain	2.4 GHz 5dBi 5 GHz 7dBi
Polarization	Linear and Vertical
Horizontal Beam-with	360°
Impedance	50Ω
Connector	RP SMA MALE

#### Mechanical Specifications

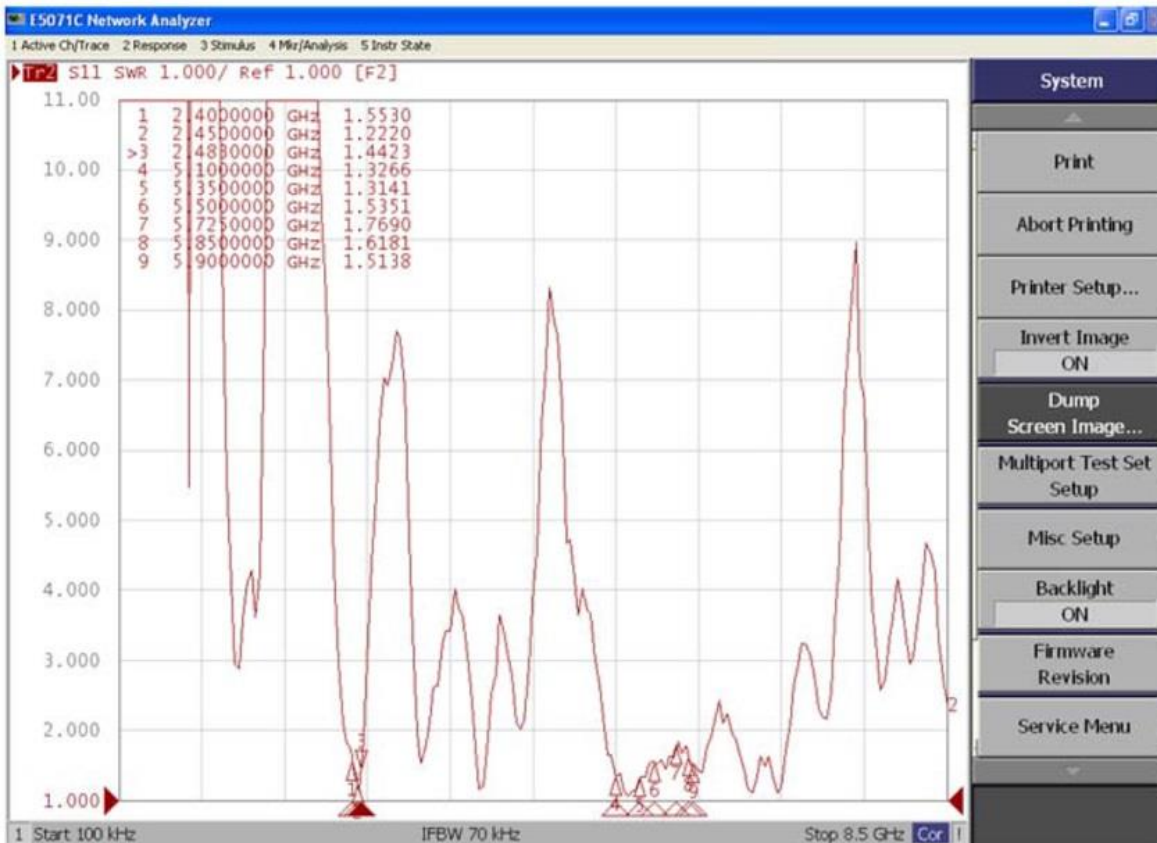
Dimension	230 x 22mm
Weight	40g
Housing	ABS
Hinge	ABS
Color	Black
Operating Temperature	-30°C to +75 °C
Storage Temperature	-30°C to +75 °C

# Testing Report

## Return Loss



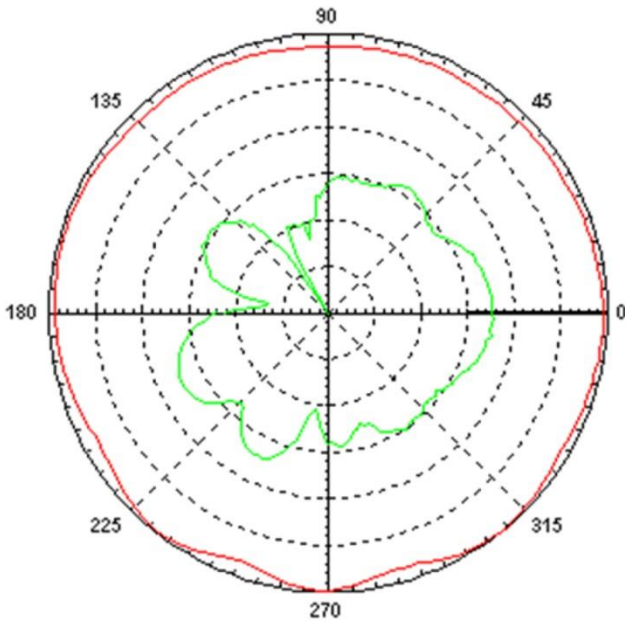
## V.S.W.R.



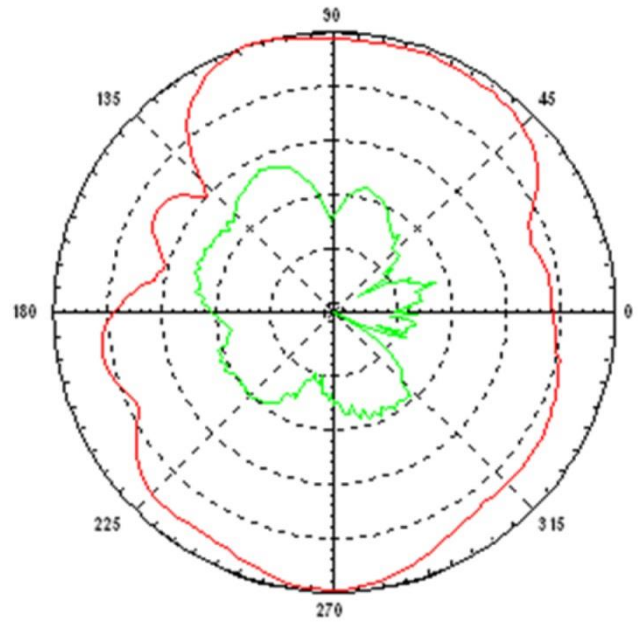
# Antenna Vertical & Horizontal Pattern

2.4GHz

H-plane

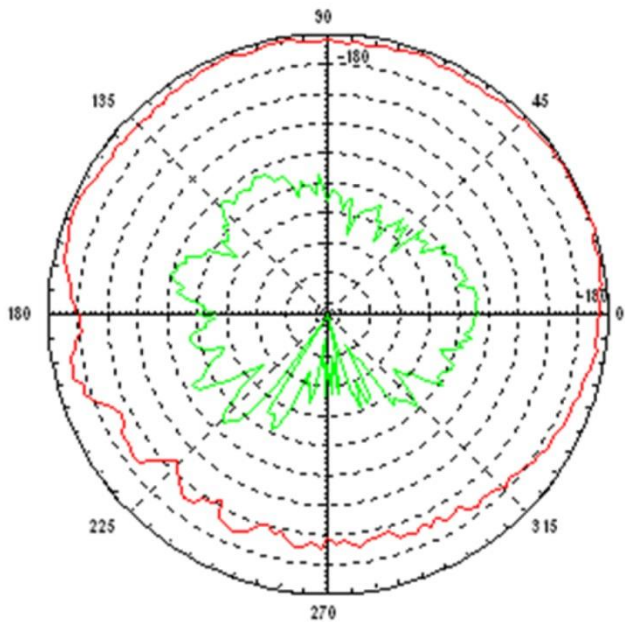


E-plane

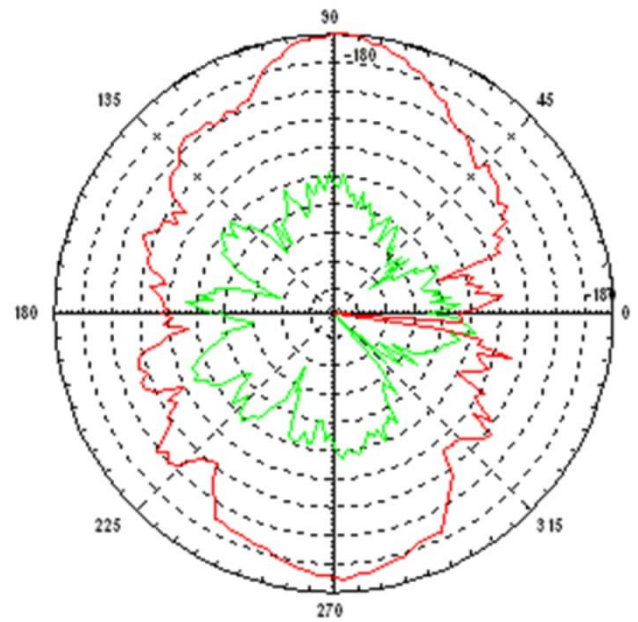


5.0GHz

H-plane



E-plane

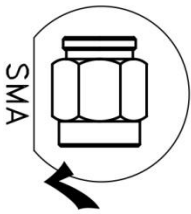
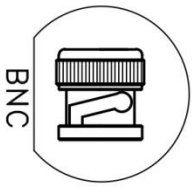
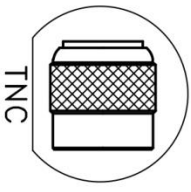
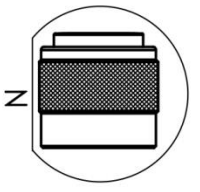
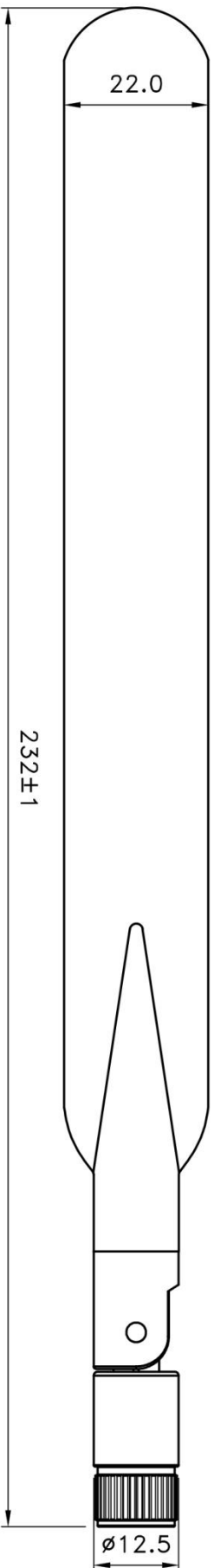
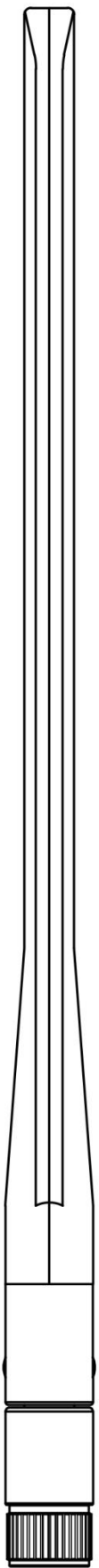


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REV	DATE	DESCRIPTION	DRAWN
A			



**Prohibit re-circulating**



**ELECTRIC**  
 FREQUENCY: 2.4/5GHZ  
 RETURN LOSS: -10dB MAX  
 CERTAIN DIRECTION: OMNI  
 IMPEDANCE: 50 ohm  
 VSWR: 2.0 MAX  
 MAX GAIN: 7dbi

**MECHANICAL**  
 ANTENNA BASE: ABS  
 ANTENNA COVER: ABS  
 STORAGE TEMPERATURE: -30°C~75°C  
 OPERATING TEMPERATURE: -20°C~65°C  
 STANDARD CONNECTOR: RP SMA MALE

NOTE	DIMENSION
1.1.STRIP ALL BURRS.	UNLESS OTHERWISE NOTED
2.ALL DIMENSIONS ARE AFTER PLATING.	X=±0.3
3.DIAMETERS ON COMMON CENTERS.	0.X=±0.2
4.CHAMFER 1ST & LAST THREADS 45°.	0.XX=±0.1
5.BREAK ALL CONNERS & EDGES CO.15 MAX.	

TITLE		DRAWING NO.	
7dbi黑色船槳雙頻天線 (2.4/5GHZ)		WLD3-5024-07-01	
APPROVED		DRAWN DATE	
DRAWN		01/04/13	
CHECKED		SCALE	
ALICE		UNIT	
		mm	