



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)

WLDF-5024-07-07

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
- Pubic 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

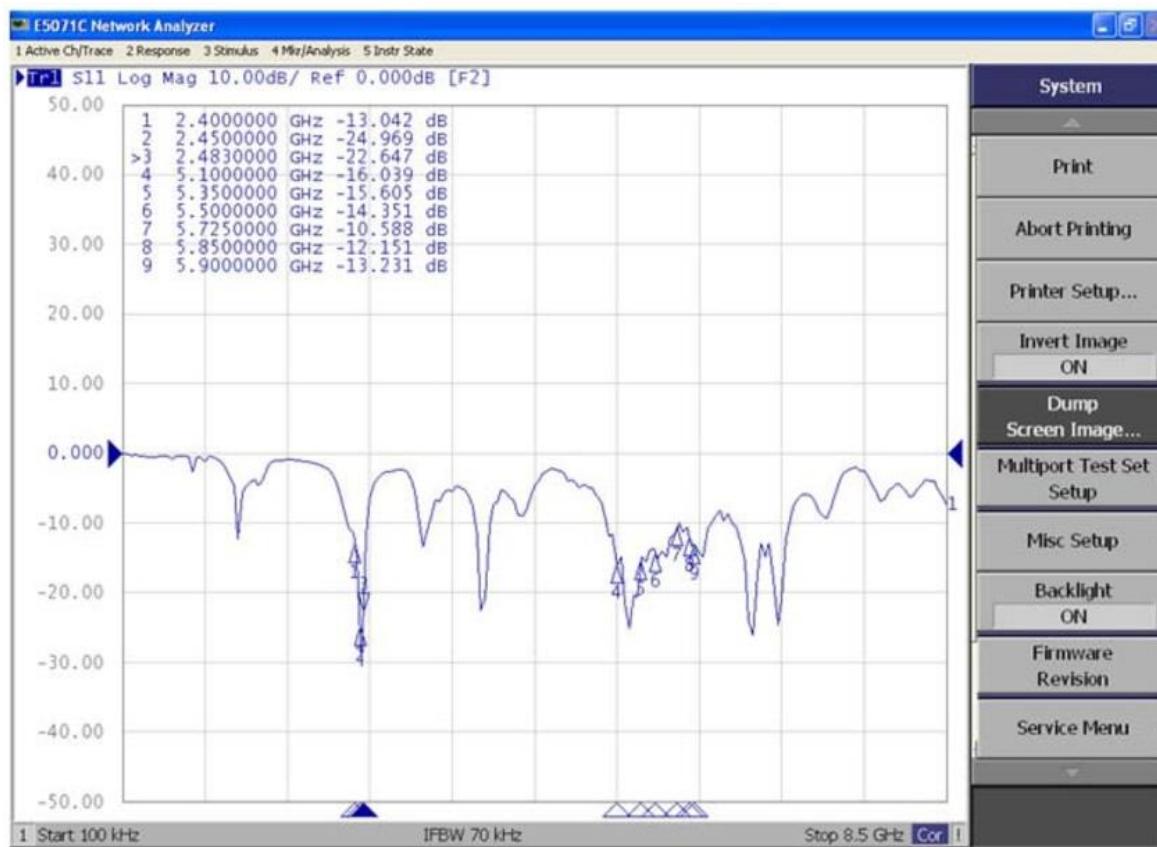
Frequency Range	2400~2500 MHz 5150~5850 MHz
V.S.W.R	≤2.0:1
Antenna Type	PCB
Gain	2.4 GHz 5dBi 5 GHz 7dBi
Polarization	Linear and Vertical
Horizontal Beam-with	360°
Impedance	50Ω
Connector	RP SMA MALE

Mechanical Specifications

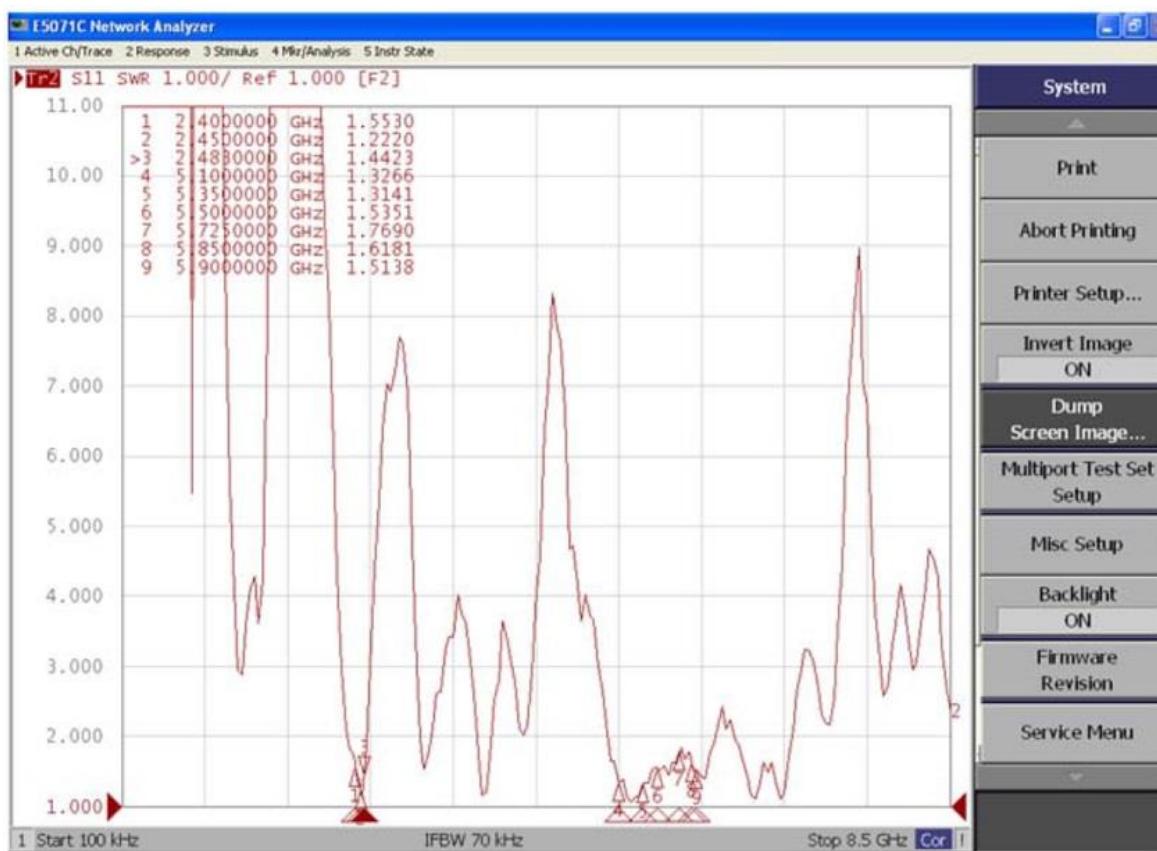
Dimension	230 x 22mm
Weight	40g
Housing	ABS
Hinge	ABS
Color	Black
Operating Temperature	-30°C to +75 °C
Storage Temperature	-30°C to +75 °C

Testing Report

Return Loss



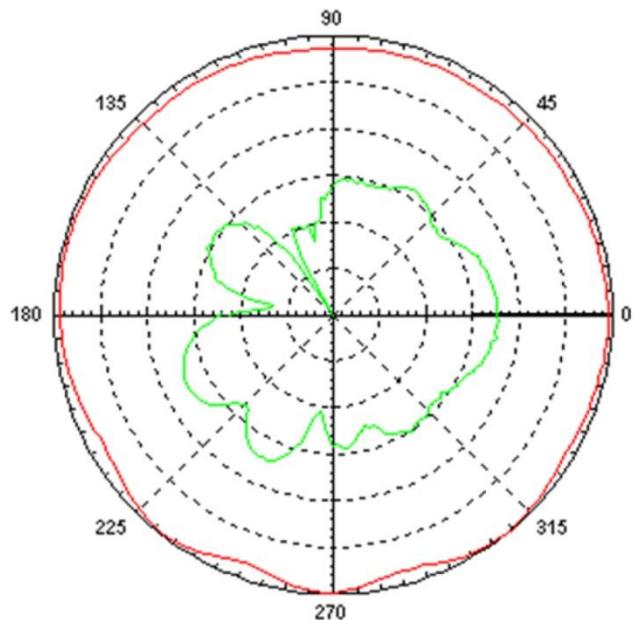
V.S.W.R.



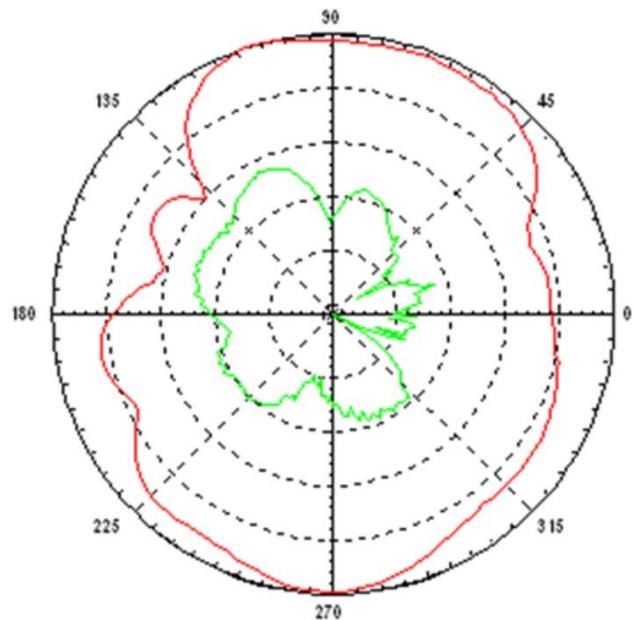
Antenna Vertical & Horizontal Pattern

2.4GHz

H-plane

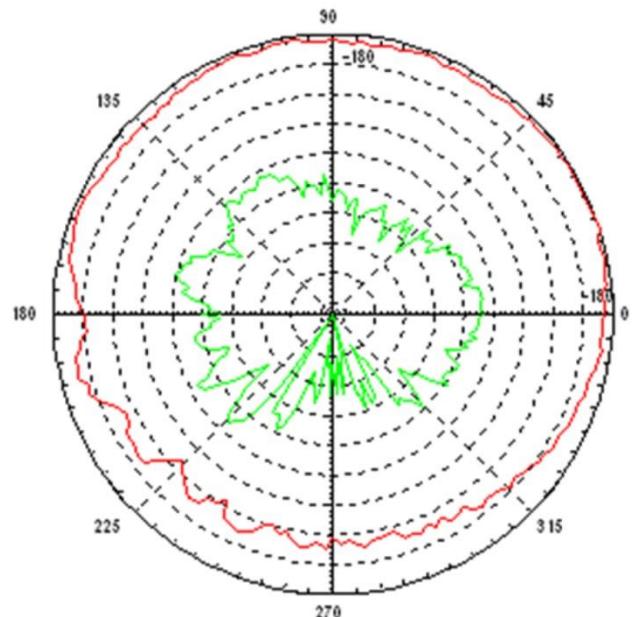


E-plane

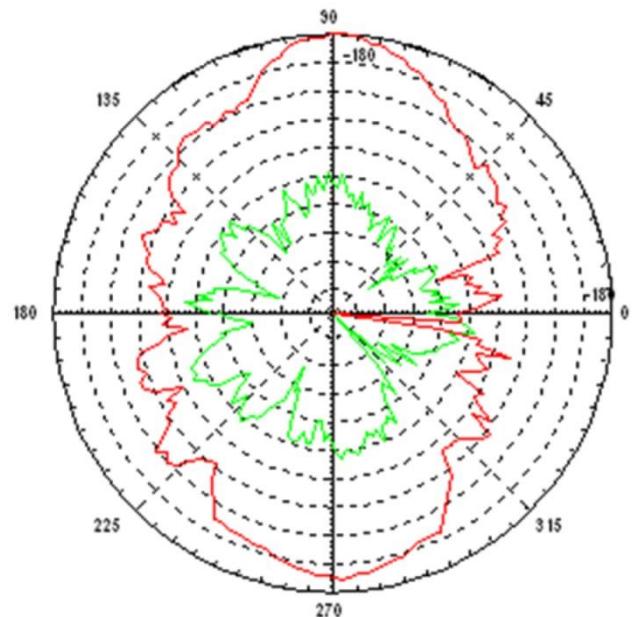


5.0GHz

H-plane



E-plane

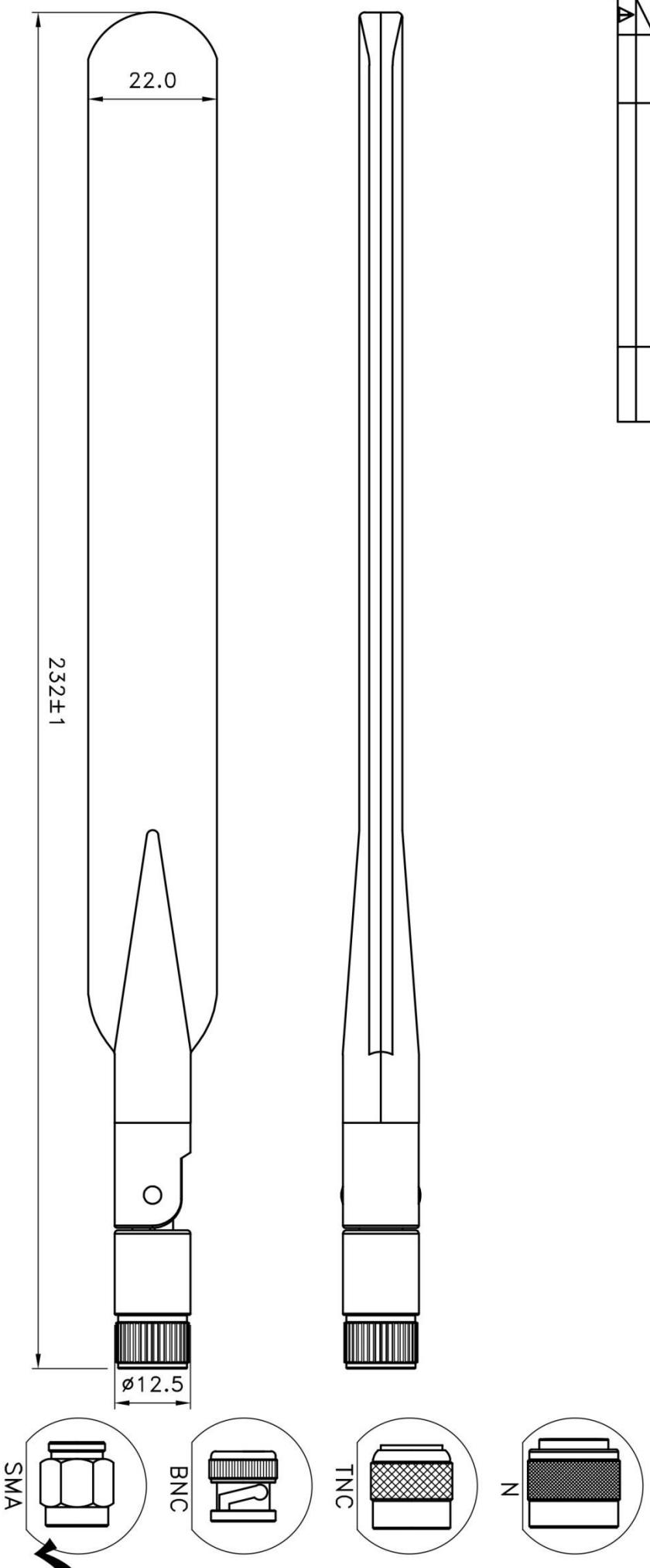


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REV	DATE	DESCRIPTION	DRAWN
A			



PRODUCT NO: DA-DB-07RP-SMA-01

ELECTRIC

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

Prohibit Re-Circulating



WIFI-Link™
台灣威海尼可
7dBi黑色船槳雙頻天線 (2.4/5GHz)

NOTE	DIMENSION	UNLESS OTHERWISE NOTED	APPROVED	DRAWN DATE
1.1.STRIP ALL BURRS. 2.ALL DIMENSIONS ARE AFTER PLATING. 3.DIAMETERS ON COMMON CENTERS. 4.CHAMFER 1ST & LAST THREADS 45°. 5.BREAK ALL CONNERS & EDGES CO.15 MAX.	X=±0.3 0.X=±0.2 0.XX=±0.1	TOLENCES DRAWING NO. WLD-F-5024-07-07	CHECKED DRAWN ALICE	01/04/13 SCALE UNIT mm