



## MOBILE & WIFI AERIALS

### FIBER REINFORCED POLYMER (FRP) ANTENNA

The fiber reinforced polymer (FRP) antennas have high-gain and minimum voltage standing wave ratio (V.S.W.R.). Both of these FRP antennas are omnidirectional aerials which receive and transmit wireless signals in all-direction.

Featured by the marine-class quality and water-resistance, these FRP antennas support outdoor 24/7 working. Due to high-gain and low V.S.W.R, they provide the high performance cellular connection with the mobile signal base station and stable WiFi wireless connection.

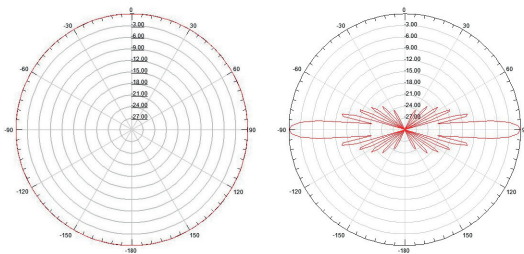
## FEATURES

- Wideband Mobile Freq. 698~2700MHz
- 2.4GHz WiFi Freq. 2300~2400MHz
- Receive & Transmit Signals in All-direction
- Marine-class Outdoor Design
- High Gain 5/6dBi
- Low V.S.W.R <1.5
- Vertical Polarization

## SPECIFICATIONS

BAND	MOBILE	Wi-Fi
Frequency	698-960/1700-2700MHz	2300-2700MHz
Gain	4 / 5 dBi	6 dBi
V.S.W.R	≤ 1.5	
Polorization	Vertical	
Horizontal Beamwidth	360°	
Vertical Beamwidth	12°	
Max Power	100 Watt	
Impedance	50 ohm	
Connector	N Male	
Radome Material	FRP (Fibre-reinforced plastic)	
Radome Color	White	
Radiating Element	Nickel-Iron Alloy	
Dimension	Dia 20 x Length 400 mm	
Weight	160 Gram	
Working Temperature	-40-70 Degree	

## WORKING PATTERNS



Horizontal

Vertical