

2.4&5.8G Round PIFA Antenna

FEATURES



- Low Profile
- High Performance
- Anti-metal PIFA Antenna
- Ground Plane Independent
- Customizable Cable and Connector
- Adhesive, magnet, screw fixation installation mode, to meet a variety of different surfaces



This ground plane independent PIFA antenna can be installed on any surface via the single screw, magnetic or adhesive mount, including metallic cabinet. The housing is manufactured with IP67/IP69 rated ABS UV stable material resisting dust, sand, and water in addition offers durability for long term usage in outdoor or indoor applications.

The antenna provides ground plane-independent 2.4&5.8G omnidirectional performance, making it a universal solution for any number of applications. Efficient component design ensures a high first connection rate and a continuous and stable communication link even in problematic coverage areas.

PRODUCTS

Part No.	Weight	Dimensions (L x W x H)	cable	installation	Connector	Color
AEWK002	65g	Φ 48*22.0mm	3000mm RG174	Screw type	SMA-Male	Black

SPECIFICATIONS

PARAMETER	SPECIFICATION	
Frequency Bands, MHz	2400-2500	5100-5850
VSWR (Max)	3.0:1	3.0:1
Peak Gain, dBi (Typ)	Up to 4.07@metal surfacee	
Nominal Impedance	50 Ω	
Max Power (ambient temp of 25°C)	10 Watts	
Azimuth Beam Width (deg)	Omnidirectional	
Polarization	Linear	
Radome	PC, Black	
Storage Temperature Range (°C)	-40° C to +85° C	
Operational Temperature Range (°C)	-40° C to +80° C	
Material Substance Compliance	REACH/RoHS Compliant	
HSCODE	8517707090	
USHSCODE	8517620010	
UPC		

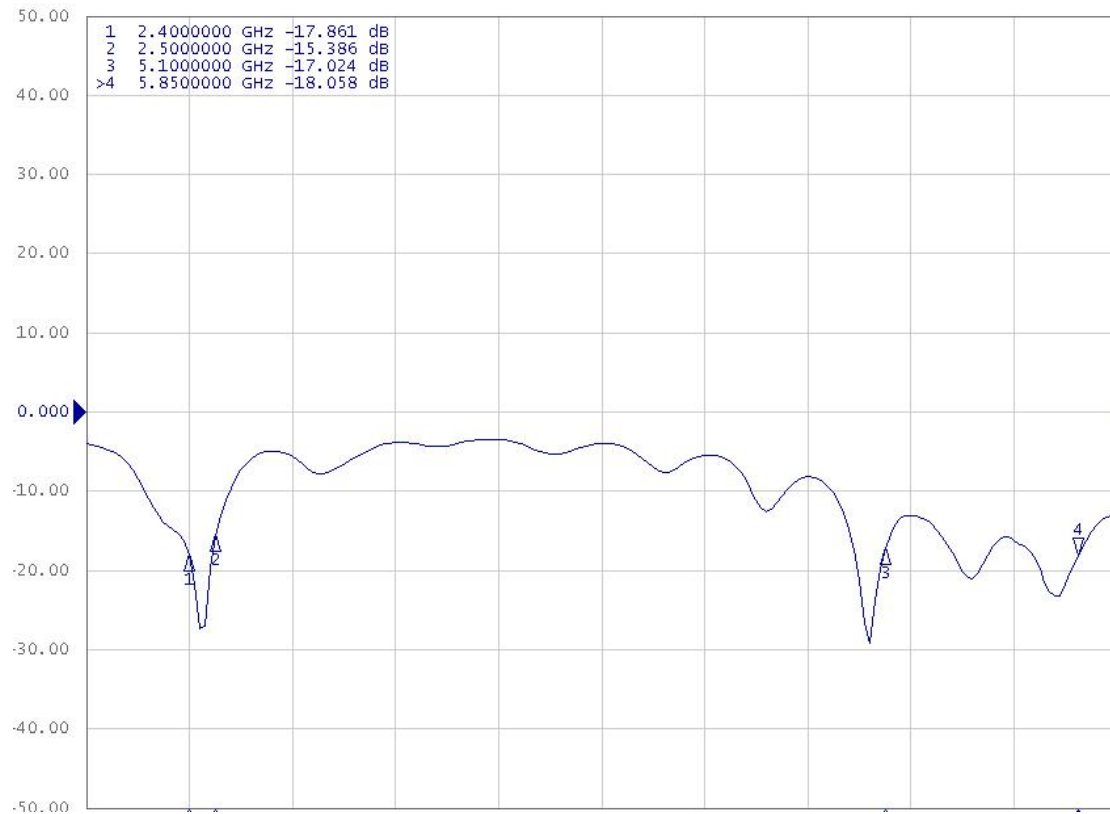
MyAntenna RF Technology Co., Ltd

ADD: No.RM 405, R3-A Building, Shenzhen High-Tech Park, Nanshan, Shenzhen, P.R. China.

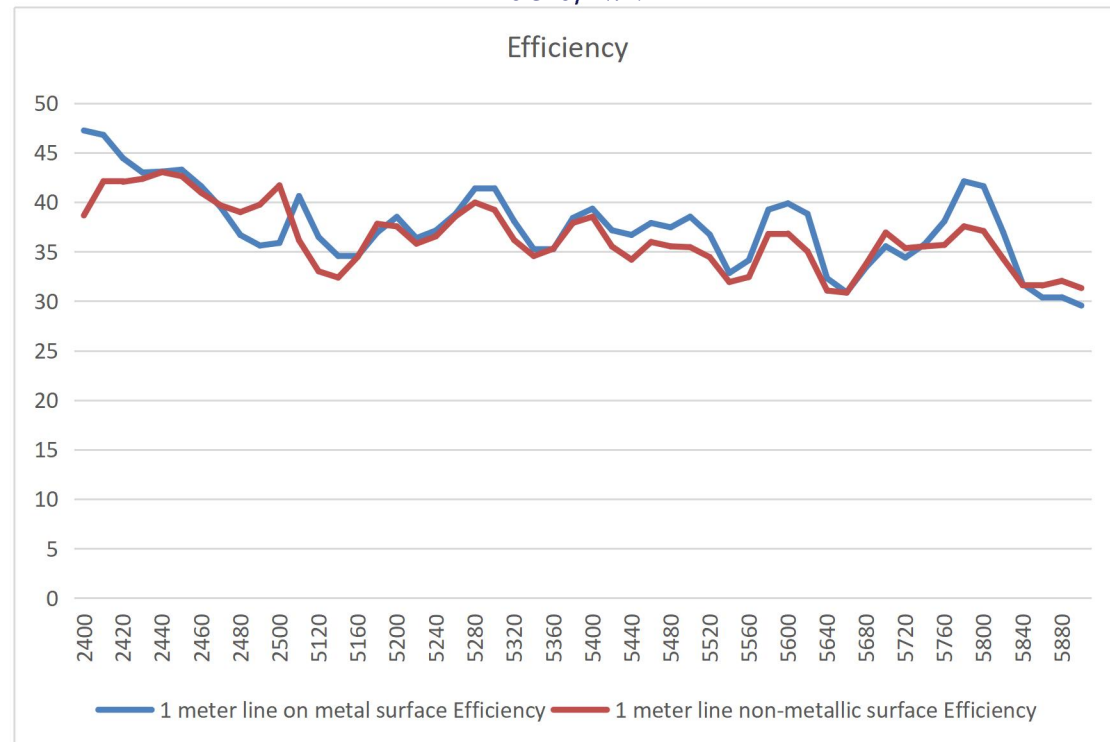
TEL: +86-0755-86503881 FAX: +86-0755-27801677 E-mail: nfc@myantenna.com

ELECTRICAL DATA

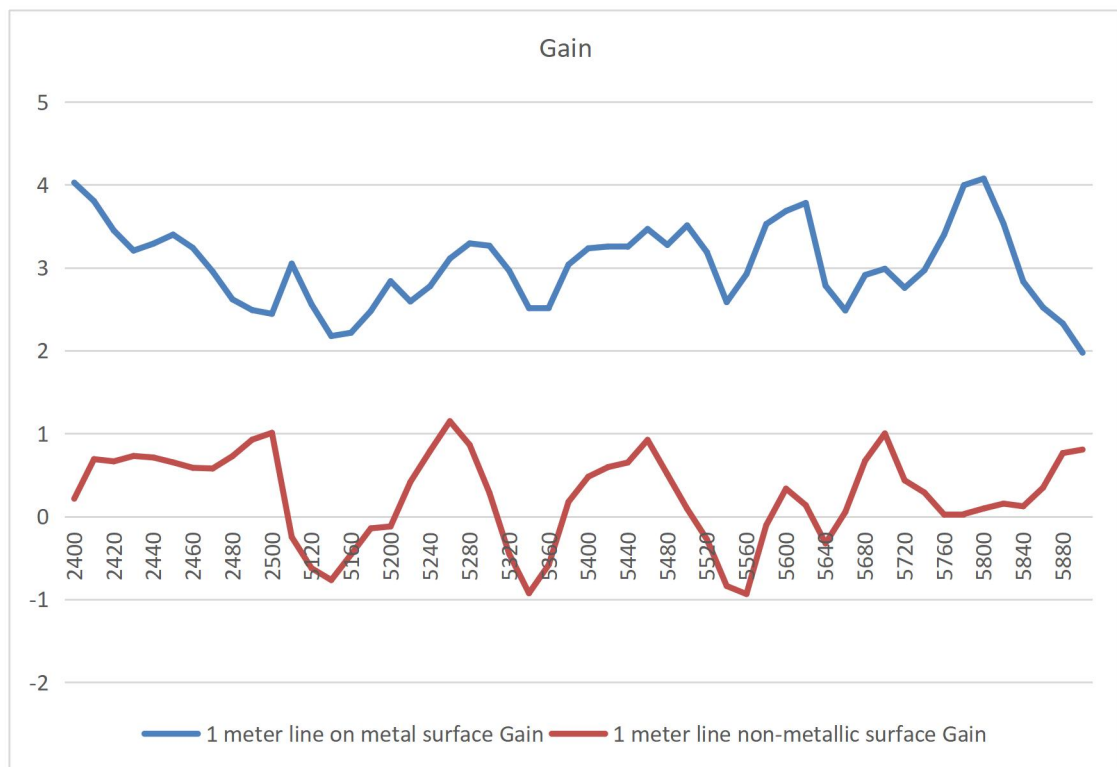
Return Loss



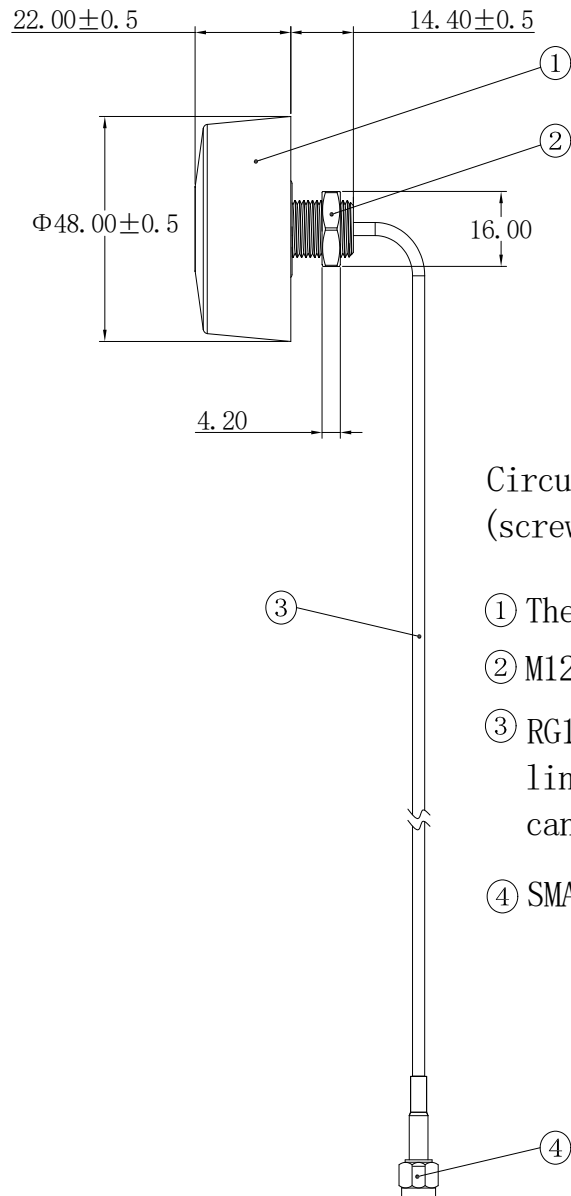
Efficiency (%)



Peak Gain (dBi)

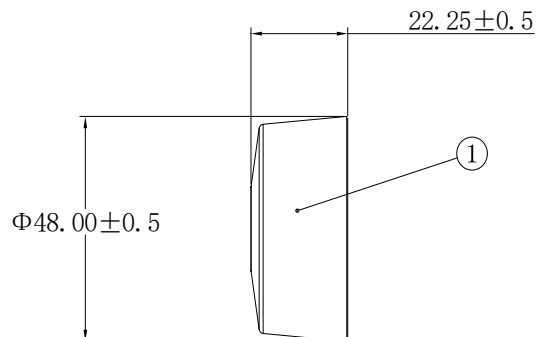


HOUSING CONFIGURATIONS



Circular cabinet antenna
(screw type)

- ① The shell
- ② M12 Screws/nuts Secure
- ③ RG174 line /RG178 line (line length can be customized)
- ④ SMA-Male /RF I PLUG



Circular cabinet antenna
(Magnetic suction or
adhesive type)

① The shell

② RG174 line /RG178
line (line length
can be customized)

③ SMA-Male /RF I PLUG