

Dual Band WiFi FPC Antenna (IPEX Connector)

AFAG2220-SW2



22.0 x 20.0mm
RoHS/RoHS II Compliant
MSL - N/A

FEATURES

- Low profile
- Flexible structure
- Omni-directional pattern
- Integrated IPEX connector
- Peel-and-stick installation

APPLICATIONS

- IoT
- Home automation
- WiFi/Bluetooth
- Industrial wearables
- Appliances
- Security
- Video

Key Electrical Specifications

Item	Spec	
Frequency	2400-2500 MHz	5100-5900 MHz
VSWR	≤2.0	≤2.5
Impedance	50Ω	
Gain	1~ 2 dBi typ	
Azimuth	Omni-directional	
Polarization	Vertical	
Installation mode	Surface-pasting	
Operating Temperature	-40 to +85°C	
Power Capacity	3W	

Note:

Don't paste on the surface of metal.
Frequency change with different material and thickness of the shell.



5101 Hidden Creek Ln Spicewood TX 78669
Phone: 512-371-6159 | Fax: 512-351-8858
For terms and conditions of sales, please visit:
www.abracon.com

REVISED: 08.16.2018

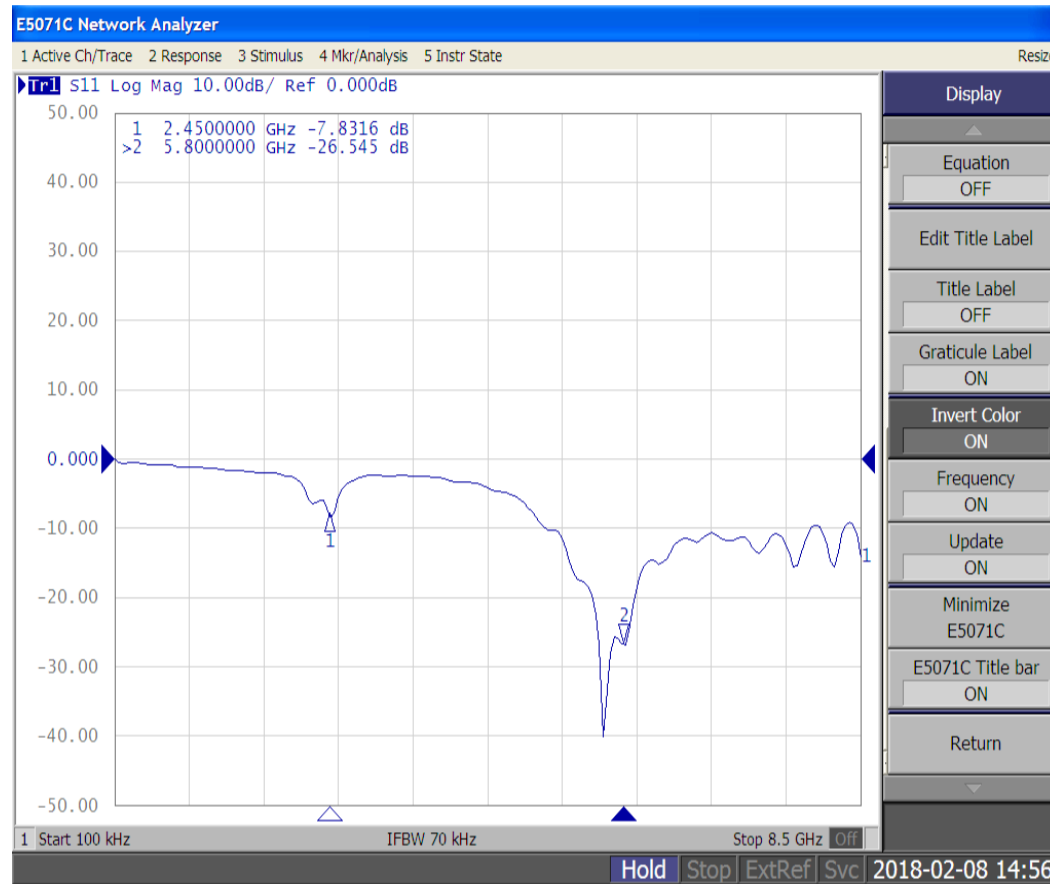
ABRACON IS
ISO9001-2015
CERTIFIED

AFAG2220-SW2



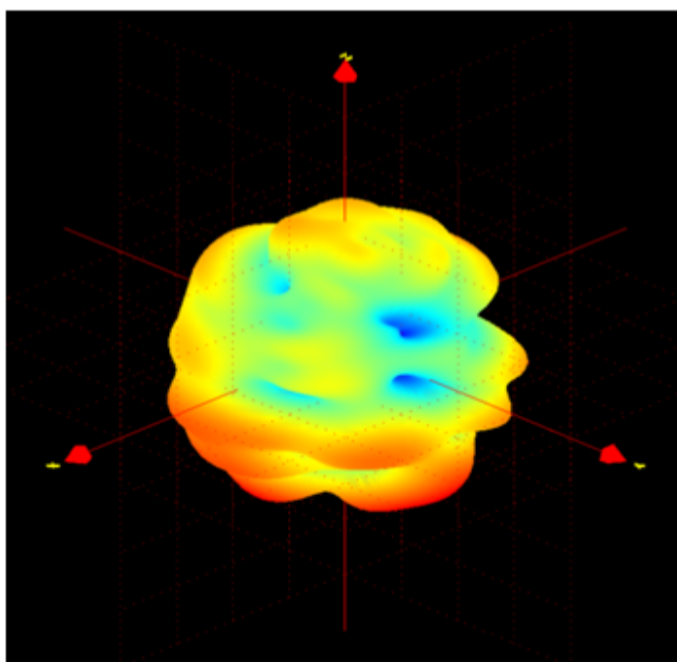
22.0 x 20.0mm
RoHS/RoHS II Compliant
MSL - N/A

VSWR Characteristics

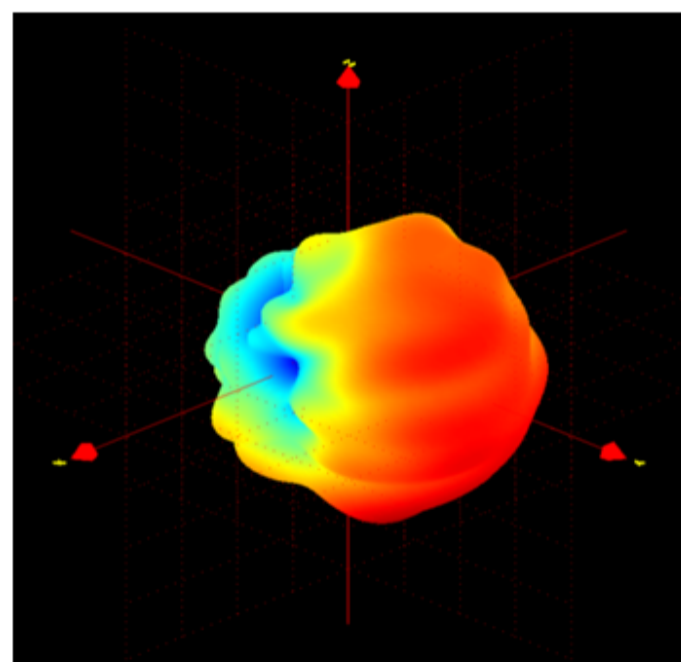


Radiation Patterns

2450 MHz



5800 MHz



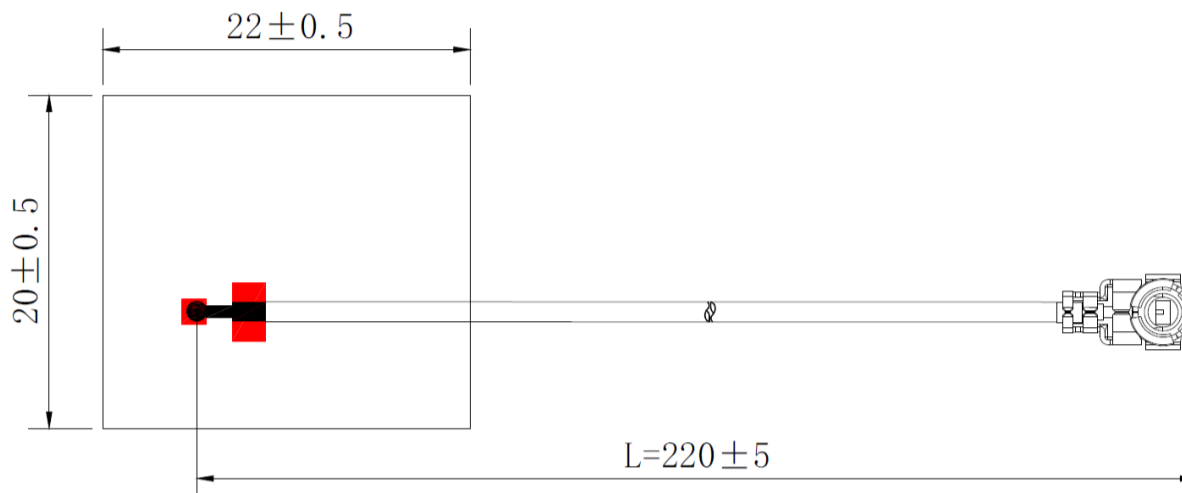
Dual Band WiFi FPC Antenna (IPEX Connector)

AFAG2220-SW2



22.0 x 20.0mm
RoHS/RoHS II Compliant
 MSL - N/A

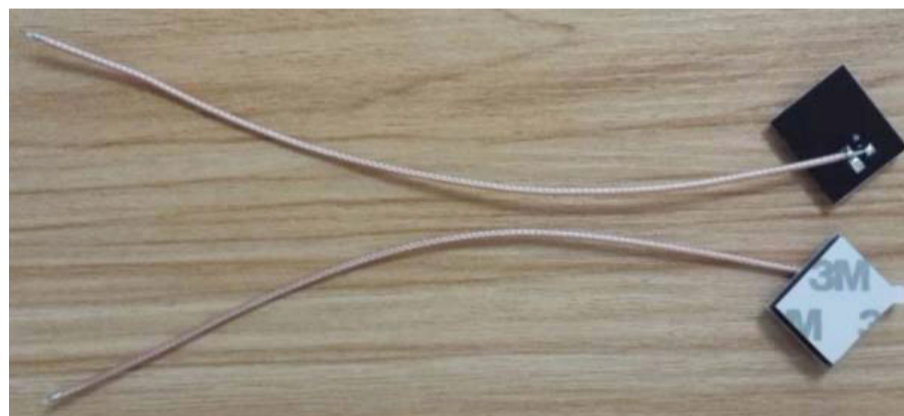
Dimensions



Unit: mm

Description	Spec
Antenna Size	22 x 20 mm
Material	FPC
RF Cable	$\Phi 1.13$ mm (L=220±5mm)
RF Connector	I-PEX
Adhesive Tape	3M-467MP

Product Image



Packaging

There are 5 pcs per plastic bag (inner box), and 500 pcs per carton (outer box). The size of each inner box is 180 x 122mm and the size of the carton is 500 x 260 x 250mm. The weight of the carton is 1.5/3.5kgs (NW/GW).

Package Type	Quantity
Inner Box	5 pcs/plastic bag
Carton	500pcs/ctn



5101 Hidden Creek Ln Spicewood TX 78669
 Phone: 512-371-6159 | Fax: 512-351-8858
 For terms and conditions of sales, please visit:
www.abracon.com

REVISED: 08.16.2018

ABRACON IS
 ISO9001-2015
 CERTIFIED