

## INTRODUCTION

This document provides a dual-band- Antenna design

### 1. GENERAL DESCRIPTION

Model No
PF-14G

Below is a table summarizing the antenna design specification.

#### 1.1 Electrical Properties

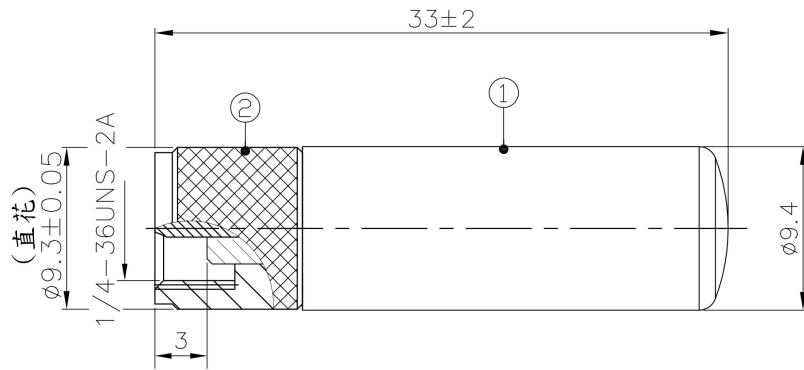
Parameter	Description
Frequency Band	2.4 GHz
Nominal Impedance	50 ohm
Polarization	Vertical
V.S.W.R	2.0 : 1
Note: Gain includes the cable loss	



#### 1.2 Mechanical Properties

Parameter	Description
Antenna Type	External Antenna
Touch Type	Screw Type
Connector Type	SMA 180°(Male)
Antenna Dimensions	33mm $\pm$ 2
Antenna Color	Black
Operating Temperature Range	-20°C~+60°C
Storage Temperature Range	-30°C~+70°C

### 2. Appearance

NO.	NAME	FINISH	Q, TY
01	Core tube	Black	01
02	SMA 180° (Male)	Golden plating	01



 Third angle projection	CUSTOMER'S	MODEL	PARTS NUMBER	FREQUENCY	UNIT	SCALE	DATE	VERSIO
	 晟輝科技股份有限公司 AIR WAVE CO., LTD.	TOLERANCE	X. XX±0.15	NAME	2.4GHz	M/M		20071018
	SURFACE ROUGHNESS	$\frac{S}{\sqrt{V}}$	APPEARANCE	PF-14G	APPROVED	CHECKED	DRAWING	DESIGNE

3. Frequency

