

## INTRODUCTION

### 1. GENERAL DESCRIPTION

Model No	AIR WAVE P/N
	EA-94

Below is a table summarizing the antenna design specification.

#### 1.2 Electrical Properties

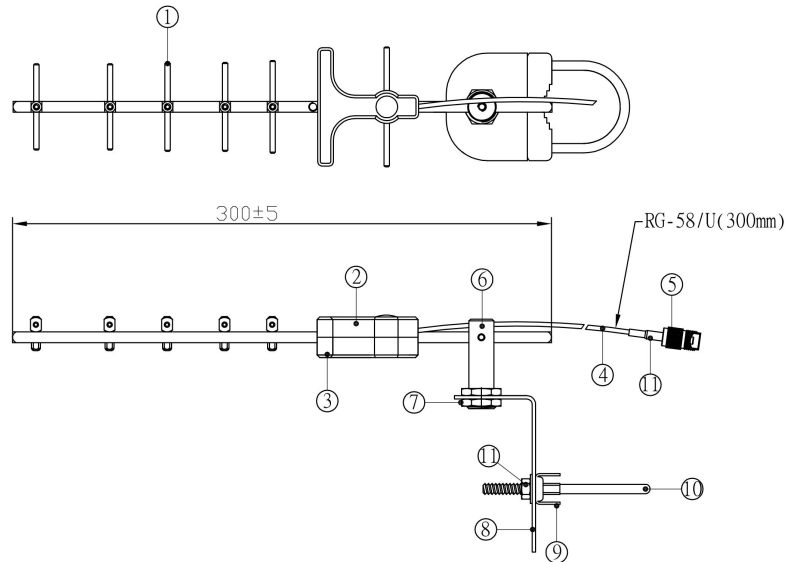
Parameter	Description
Frequency Band	2.4 GHz
Nominal Impedance	50 ohm
Polarization	Vertical
Return Loss	Please See Data-1
V.S.W.R	2.0:1
Antenna Average Gain	11.3 dBi
Note: Gain includes the cable loss	

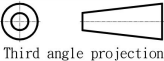

#### 1.2 Mechanical Properties

Parameter	Description
Antenna Type	External Antenna
Antenna Cover	ABS
Touch Type	Screw Type
Cable	RG-58/U 300mm
Connector Type	TNC 180° (Female)
Antenna Dimensions	300mm ± 5
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	Bady	Nickel plating	01
02	Head top	Black	01
03	Lower head	Black	01
04	RG-58/U Cable(300mm)	Walnut	01
05	TNC 180° (Female)	Nickel plating	01
06	Connecting vopper pipe	Nickel plating	01
07	Hexagonal nut	Nickel plating	02
08	L-Holder	Stainless steel	01
09	Clip retaining	Stainless steel	01
10	U-Circlip	Stainless steel	01
11	Heat-shrink tube	Black	01



 Third angle projection		CUSTOMER'S	MODEL	PARTS NUMBER	FREQUENCY	UNIT	SCALE	DATE	VERSION
					2.4GHz	M/M		20090324	1
 晨輝科技股份有限公司 AIR WAVE CO., LTD.		TOLERANCE	X. XX±0.15	NAME	PARTS NUMBER	APPROVED	CHECKED	DRAWING	DESIGNER
		SURFACE ROUGHNESS	$\sqrt{S}$	APPEARANCE	EA-94				

**3. Return Loss, V.S.W.R. and Smith Chart**

