

**INTRODUCTION****1. GENERAL DESCRIPTION**

Model No	AIR WAVE P/N
	EA-257I

Below is a table summarizing the antenna design specification.

**1.1 Electrical Properties**

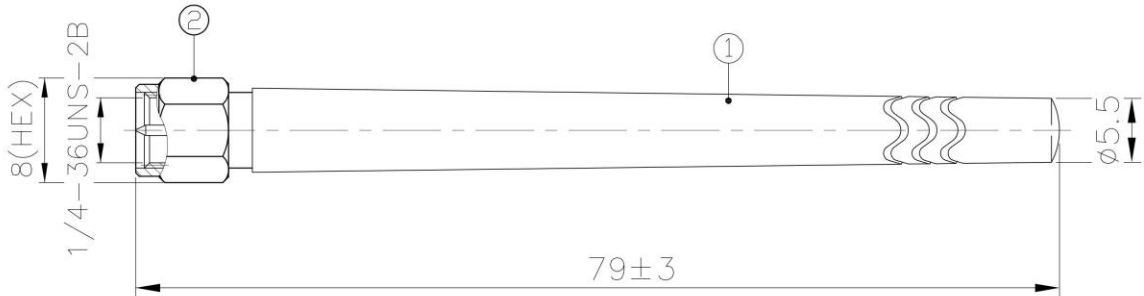
Parameter	Description
Frequency Band	433 MHz
Nominal Impedance	50 ohm
Polarization	Vertical
Electrical Wave	1/4 $\lambda$ Dipole
Return Loss	Please See Data-1
V.S.W.R	2.0 : 1
Note: Gain includes the cable loss	

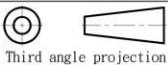

**1.2 Mechanical Properties**

Parameter	Description
Antenna Type	External Antenna
Touch Type	Screw Type
Connector Type	SMA 180°(Male)
Antenna Dimensions	79.4mm $\pm$ 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)	Nickel plating	01

 Third angle projection	CUSTOMER'S	MODEL	PARTS NUMBER	FREQUENCY	UNIT	SCALE	DATE	VERSION
				433MHz	M/M		20140411	1
 <b>晨輝科技股份有限公司</b> AIR WAVE CO., LTD.	TOLERANCE	X. XX±0.15	NAME	PARTS NUMBER	APPROVED	CHECKED	DRAWING	DESIGNED
	SURFACE ROUGHNESS	$\frac{S}{\sqrt{\nabla}}$	APPEARANCE	EA-275I				

3. Frequency

