



INTRODUCTION

1. GENERAL DESCRIPTION

Model No	AIR WAVE P/N
	EA-79Q

Below is a table summarizing the antenna design specification.

1.1 Electrical Properties

Parameter	Description
Frequency Band	2.4/5.2/5.8GHz
Nominal impedance	50ohm
Polarization	Vertical
Electrical Wave	1/2 λ Dipole
Return Loss	
V.S.W.R	2.2 : 1
Antenna Average Gain	0~3dBi
Note:Gain includes the cable loss	

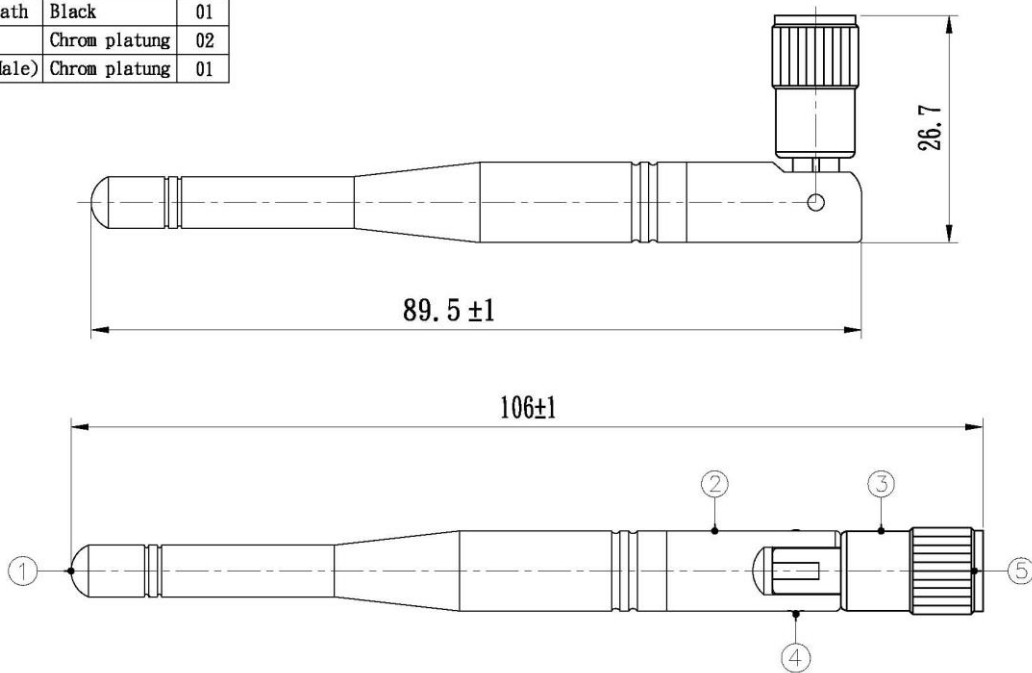
1.2 Mechanical Properties

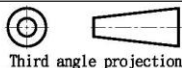

Parameter	Description
Antenna Type	External Antenna
Antenna Cover	TPEE 630
Touch Type	Screw Type
Connector Type	SMA 180° (Male)
Antenna Dimensions	106±1
Antenna Color	Black
Operating Temperature Range	-20°C~+55°C
Storage Temperature Range	-30°C~+55°C

2.Appearance



NO.	NAME	FINISH	Q, TY
01	Ant, shell	Black	01
02	Fixed upper	Black	01
03	Fixed beneath	Black	01
04	Rivet	Chrom plating	02
05	SMA 180°(Male)	Chrom plating	01



 Third angle projection	CUSTOMER'S	MODEL	PARTS NUMBER	FREQUENCY	UNIT	SCALE	DATE	VERSION
	 晟輝科技股份有限公司 AIR WAVE CO., LTD.	TOLERANCE	X. XX±0.15	NAME	2.4/5.2/5.8GHz	M/M		20080303
	SURFACE ROUGHNESS	$\frac{S}{\nabla\nabla}$	APPEARANCE	EA-79Q	APPROVED	CHECKED	DRAWING	DESIGNED

3.Frequency

