



INTRODUCTION

1. GENERAL DESCRIPTION

AIR WAVE P/N
EA-292X

Below is a table summarizing the antenna design specification.

1.1 Electrical Properties

Parameter	Description
Frequency Band	790-960/1710-2170/2500-2620MHz
Nominal impedance	50ohm
Polarization	Vertical
Return Loss	
V.S.W.R	2.0:1
Note: Gain includes the cable loss	

1.2 Mechanical Properties

Parameter	Description
Antenna Type	External Antenna
Antenna Cover	TPE
Touch Type	Screw Type
Connector Type	SMA 180° (Male)
Antenna Dimensions	269 mm±5
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	Core tube	Black	01
02	Fixed upper	Black	01
03	Fixed beneath	Black	01
04	RIVET	Chrom plating	02
05	SMA 180°(Male)	Chrom plating	01

269±5

 Third angle projection	CUSTOMER'S	MODEL	PARTS NUMBER	FREQUENCY	UNIT	SCALE	DATE	VERSION
			790-960/1710-2170/2500-2620MHz		M/M		20120326	1
 晟輝科技股份有限公司 AIR WAVE CO., LTD.	TOLERANCE	X. XX±0.15	NAME	PARTS NUMBER	APPROVED	CHECKED	DRAWING	DESIGNED
	SURFACE ROUGHNESS	S ▽▽	APPEARANCE	EA-292X				

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





