

RF Antenna Cable Assembly

Specification

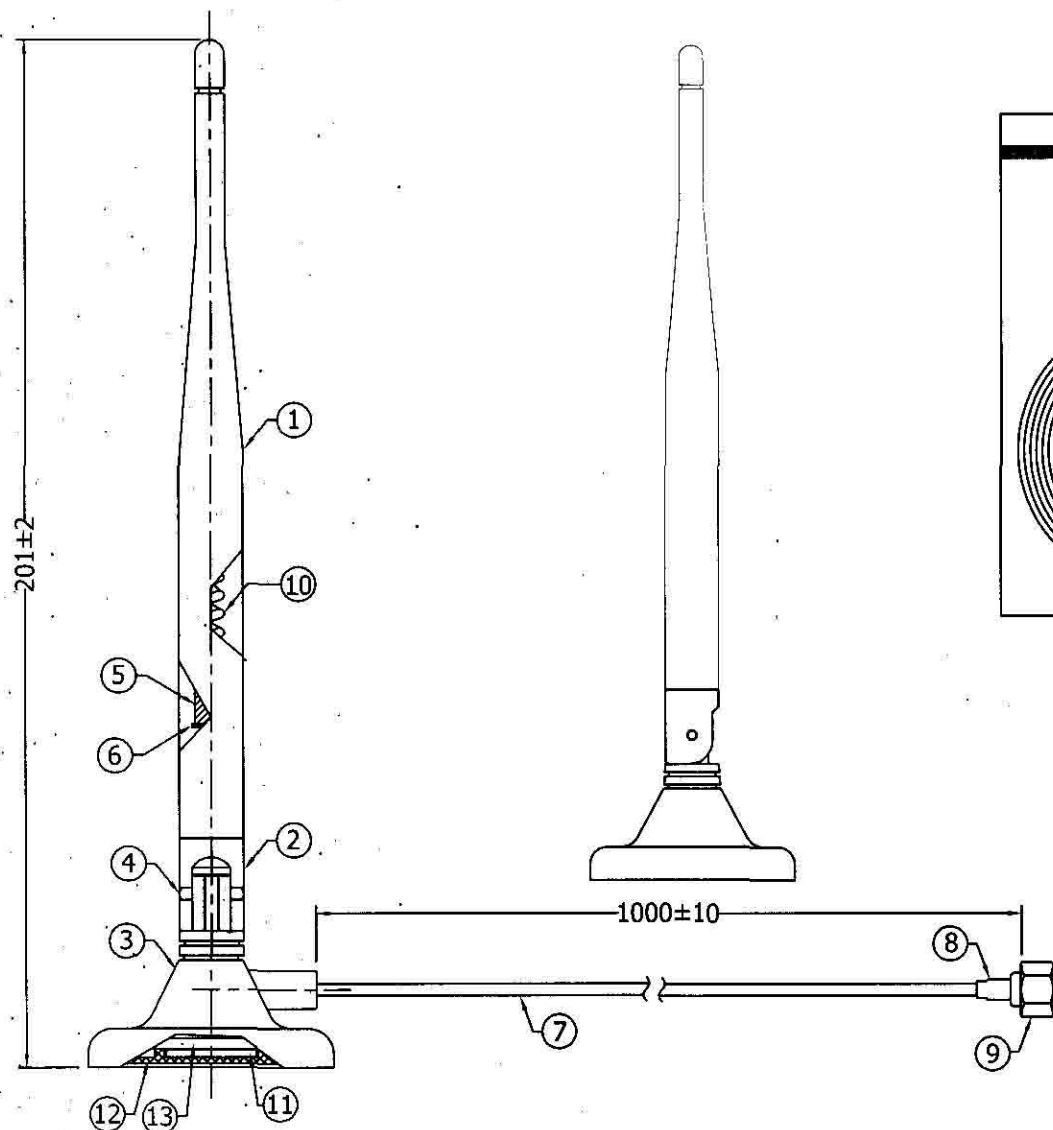
1. Electrical Properties :

- 1.1 Frequency Range..... 2.4GHz ~ 2.5GHz
- 1.2 Impedance 50Ω Nominal
- 1.3 VSWR 1.92:1 Max.
- 1.4 Return Loss..... -10 dB Max.
- 1.5 Radiation Omni-directional
- 1.6 Gain(peak)..... 5.0dBi (excluding cable loss)
- 1.7 Cable Loss..... 1.5dB Max.
- 1.8 Polarization..... Linear ; Vertical
- 1.9 Admitted Power..... 1W
- 1.10 Cable..... CBL-101 Coaxial Cable
- 1.11 Connector..... SMA Straight Plug Reverse

2. Physical Properties :

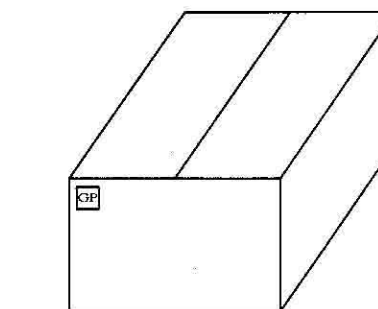
- 2.1 Antenna Body..... TPE
- 2.2 Antenna Base..... PC
- 2.3 Antenna Base..... PC
- 2.4 Chassis..... PP
- 2.4 Operating Temp. -10°C ~ +60°C
- 2.5 Storage Temp. -10°C ~ +70°C
- 2.6 Color Black

REV	DATE	DESCRIPTION
X1	08/21-2008	New Issue



PE Bag
Shrink Line

Packing: 1pcs/PE Bag



GP標識貼於外箱兩側左上方

13	Magnet	Magnet	2	
12	Cushion	Silicone;60A	1	
11	Chassis	PP,Color:Black	1	
10	Helix	Phosphor Bronze	1	
9	Connector	SMA Straight Plug/Reverse	1	
8	Tube	Heat Shrink Tube	1	
7	Cable	CBL-101 Cable,Color:Black,50Ω	1	
6	Insulator	POM,White	1	
5	Ground Tube	Brass,Ni-Plated	1	
4	Rivet	POM,Color:Black	2	
3	Antenna Base	PC,Color:Black	1	
2	Antenna Base	PC,Color:Black	1	
1	Antenna Body	TPE,Color:Black	1	
NO	DESCRIPTION		Q'TY	REMARK

CUSTOMER'S SINGATURE

XX.	±5.0	APPROVED
X.	±3.0	CHECKED
.X	±1.0	
.XX	±0.5	
.XXX	±0.1	DRAWING

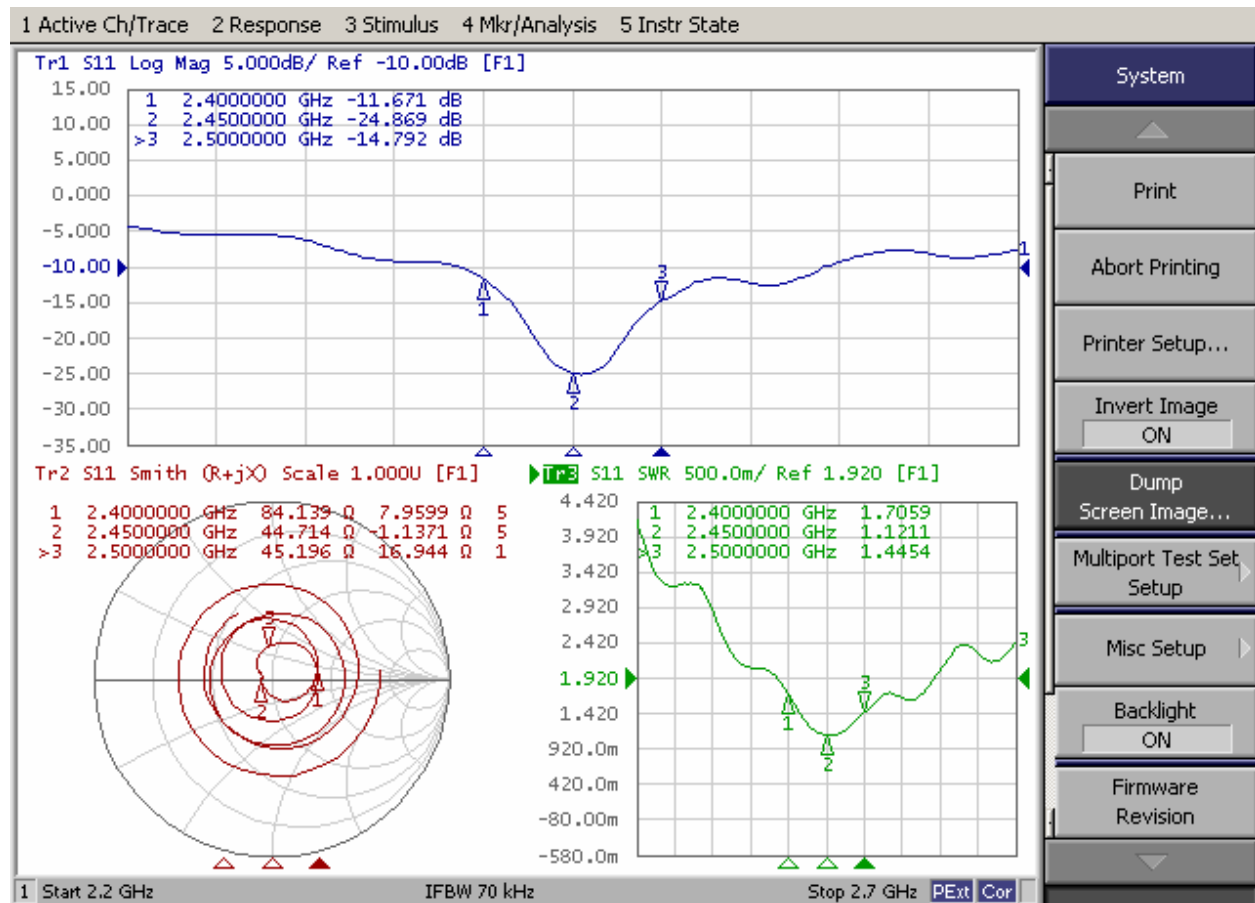
CUSTOMER:		永 洋	
PART NO :		11320Y11029A1	
PART NAME:		RF Antenna Cable Assembly	
W.Y P/NO :		C381-540136-A	
REV	UNIT	FILE :	SSR-83067
X1	mm	SHEET :	1/1

M.gear Wha Yu Group

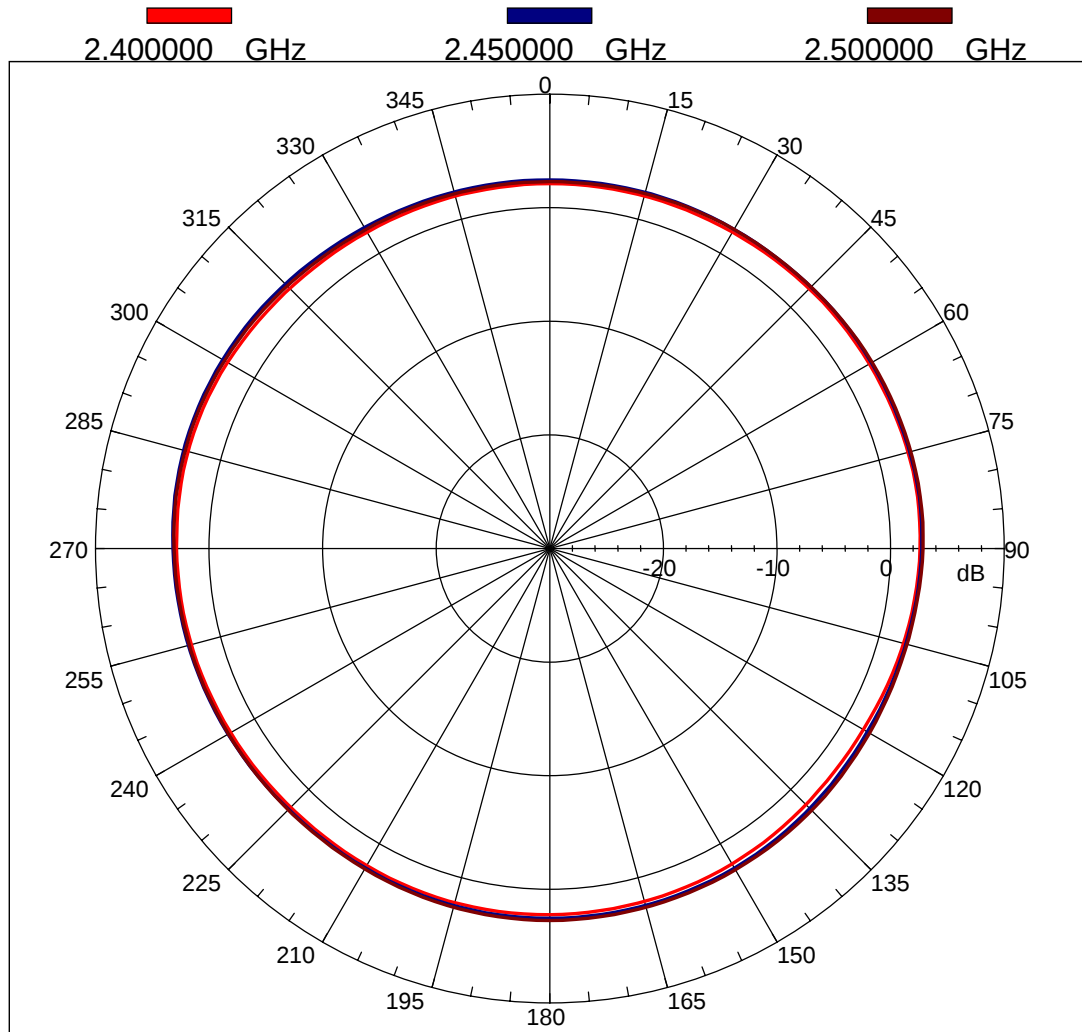
THIS DRAWING, AND IT'S INHERANT DESIGN CONCEPTS, ARE THE PROPERTY OF WHA YU AND AS SUCH MAY NOT BE COPIED, REPRODUCED, OR GIVEN TO THIRD PARTIES WITHOUT THE WRITTEN CONSENT OF WHA YU.

RF Antenna Assembly

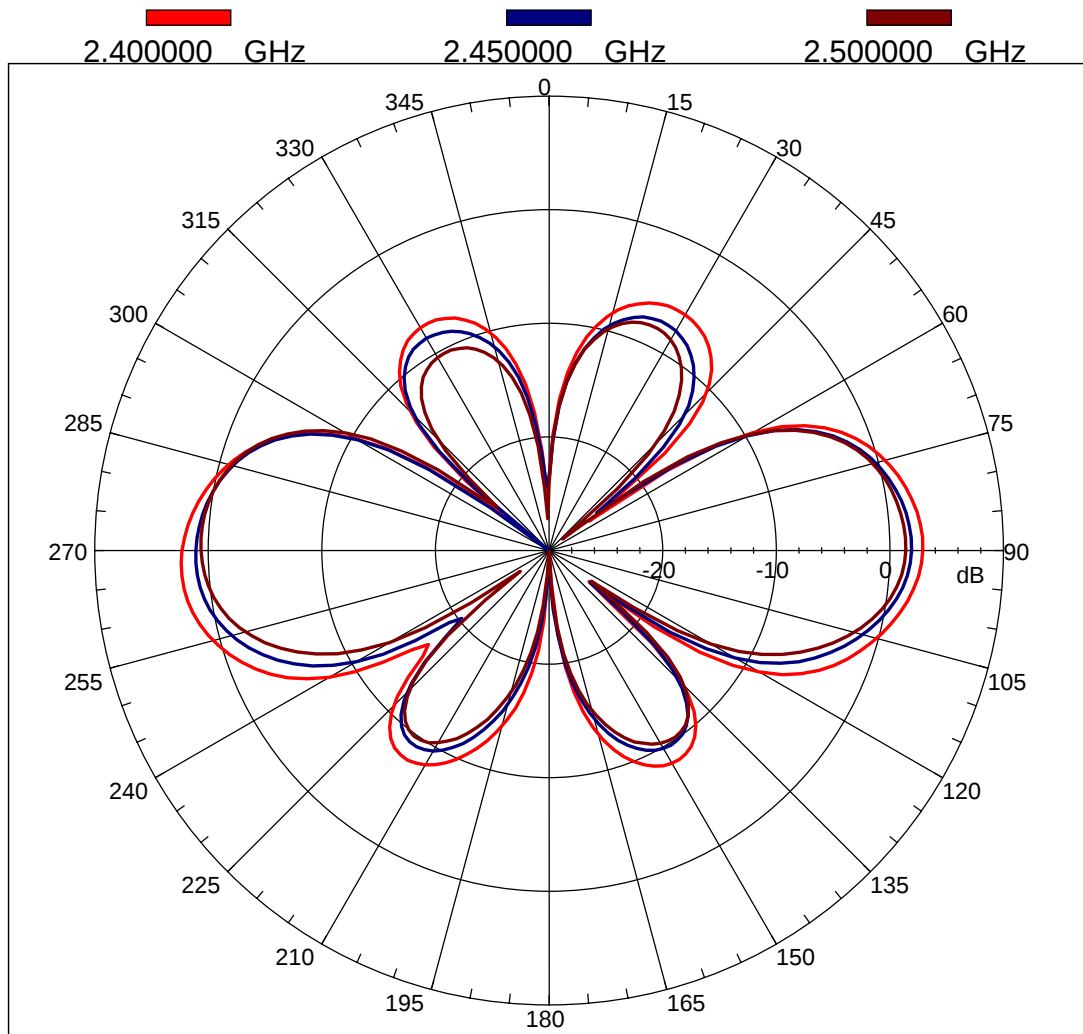
P/No. C381-540136-A SSR-83067 Spec:2.4~2.5GHz

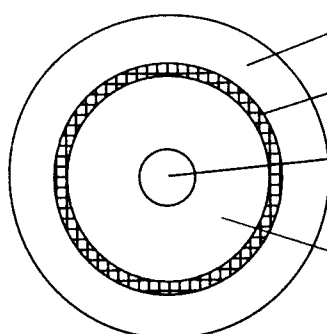


Far-field amplitude of C381-540136-A SSR-83067 H V-PLANE.nsi



Far-field amplitude of C381-540136-A SSR-83067 H E-PLANE.NSI



SPECIFICATION:		1C*22AWG+B		CONSTRUCTION D.W.G			
ITEM		SPECIFICATION					
CONDUCTOR	AWG	22AWG					
	MATERIAL	TINNED COPPER					
	COND.SIZE	7/0.254± 0.008mm					
INSULATION	MIN.AVG.THICK	0.50 mm					
	MATERIAL	FM-PE					
	O . D	2.00 ± 0.10 mm					
BRAID COPPER	N O.	1C					
	MATERIAL	BARE COPPER					
	SIZE(COVERAGE)	16*5/0.10± 0.008 mm					
JACKET	MIN.AVG.THICK	0.20 mm					
	MATERIAL	HALF MATT PVC					
	COLOUR	UL813 BLACK LOW TOXIC					
	O . D	2.90 ± 0.10 mm					
						COLOUR CODE:	
				NATURAL			
				MARKING			
				REMARK			
ELECTRICAL CHARACTERISTICS		PHYSICAL PROPERTIES		 COPARTNER WIRE & CABLE (SHENZHEN) MFG CO., LTD.			
1.Impedance: 50±3Ω @TDR 2.Max. Operation Frequency : 6GHz 3.Attenuation : <1.40dB/M@2.40GHz; < 2.50dB/M@6G Hz				PART NO.	3770122006		
				APPROVED		CUSTOMER	華弘(台樺)
				CHECKED	<i>[Signature]</i>	REV	A
				DRAWING	LXY	DATE	2004/3/2



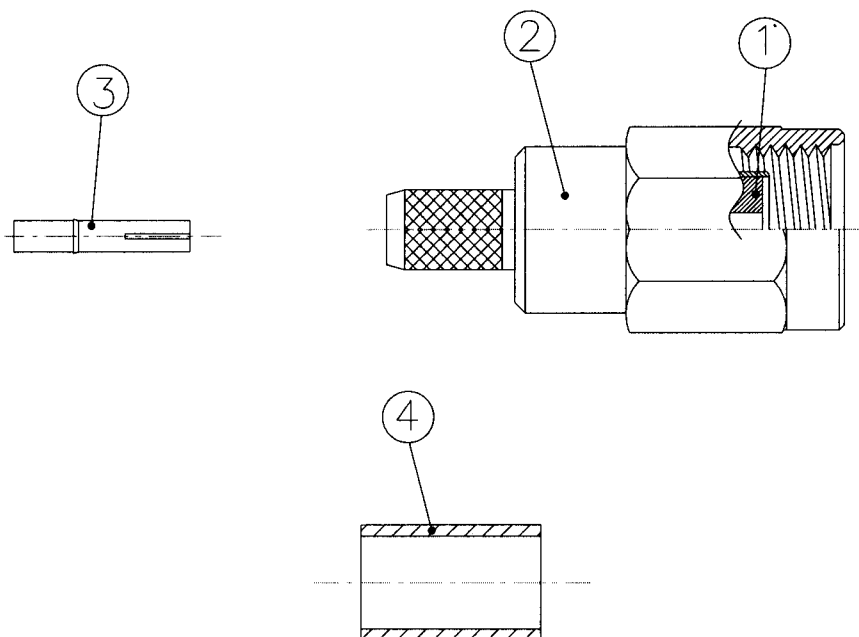
譚裕實業股份有限公司

WHA YU INDUSTRIAL CO., LTD

Connector 材質證明書

譚裕料號 Whayu P/N	100-2001090-AZ	產品名稱 Product Name	SMA Plug Reverse for 2.9 Cable
-------------------	----------------	----------------------	--------------------------------

結構圖面



材質成份								表面處理
1	絕緣	Teflon	PTFE					N/A
2	外殼	Brass	Cu	Pb	Fe	Fe+Sn	Zn	鍍金 1~3 μ "
3	中心針	Phos. Bronze	Cu	Sn	P	Zn	Pb	鍍金 5 μ "
4	尾管	Brass	Cu	Pb	Fe	Fe+Sn	Zn	鍍金 1~3 μ "

Remark :

請蓋公司章

