



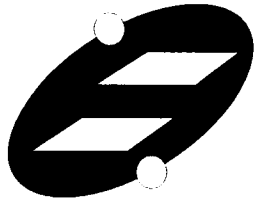
明泰科技

零組件承認/申請報告書

編號：E13921B 2006/3/9

Alpha P/N : 505924900017G		申請者：張佑誠	主管：楊威
零組件品名：ANTENNA 3dBi C037-510694-A			
原製造廠商：譚裕(500770)		原廠編號：C037-510694-A	
代理商：譚裕		聯絡人：李春華	電話：03-5714225 #1517
應用機種：			
COMMENTS：			
測試結果	UPDATE：增加 D-Link logo		
<p>檢驗重點:</p> <ol style="list-style-type: none"> 1. 外觀 2. 尺寸 3. 型號 			
主管：王椅楠		承辦者：周禎義	
		測試人：	日期：2006/3/7
機構	R&D		PM
生技	資材		品管
結果	合格	否決	其它
	審核		王椅楠

REFERENCE ONLY



WHA YU INDUSTRIAL CO., LTD. (HEAD OFFICE)
 TAI HWA ELECTRONIC CO., LTD.(CHINA)
 SHANGHAI HUA YU ELECTRONIC CO., LTD.(CHINA)
 AEON TECH CO., LTD. (CHINA)

SPECIFICATION FOR APPROVAL

CUSTOMER: 明泰科技股份有限公司

PART NAME: RF Antenna Assembly

PART NO.:

REVISION:

W. Y. P/NO.: C037-510694-A

REV.: X2

	MANUFACTURER SIGNATURE	CUSTOMER SIGNATURE
APPROVED BY :		
DATE :		

WHA YU GROUP

WHA YU INDUSTRIAL CO., LTD.(HEAD OFFICE)

譚裕實業股份有限公司

Address: No.326, Sec 2, Kung Tao 5 Road, Hsin Chu City, Taiwan, R.O.C.

Tel:+886-3-5714225(REP.)

Fax:+ 886-3-5713853 · + 886-3-5723600

TAI HWA ELECTRONIC CO., LTD. (CHINA)

台樺電業製品廠

Address: Pak Ho District, Hiu Street Town, Dong Guan City, Guangdong, China

Tel: + 86-769-5599375 · + 86-769-5912375

Fax: + 86-769-5599376

HUA HONG INTERNATIONAL LTD.

華弘國際有限公司

Rm.1103A,President Commercial Centre,608 Nathan Road,Mong Kok,Kowloon,Hong Kong

Tel: + 86-852-27712210

Fax: + 86-852-23843747

SHANGHAI HUA YU ELECTRONIC CO., LTD. (CHINA)

上海譚裕電子有限公司

Address:3586,Wai Qing Song Road, Qing Pu County, Shanghai China

Tel: + 86-21-59741348 · + 86-21-59744101~4

Fax: + 86-21-59741347

SU ZHOU AEON TECH CO., LTD. (CHINA)

蘇州華廣電通有限公司

Address:Limin North Road, LiLi Town,LiLi Industrial Park,LinHu Economic Zone

Wujiang City, Jiangu Province, China

Tel: + 86-512-63627980

Fax: + 86-512-63627981

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REFERENCE ONLY

RF Antenna Cable Assembly

Specification

1. Electrical Properties :

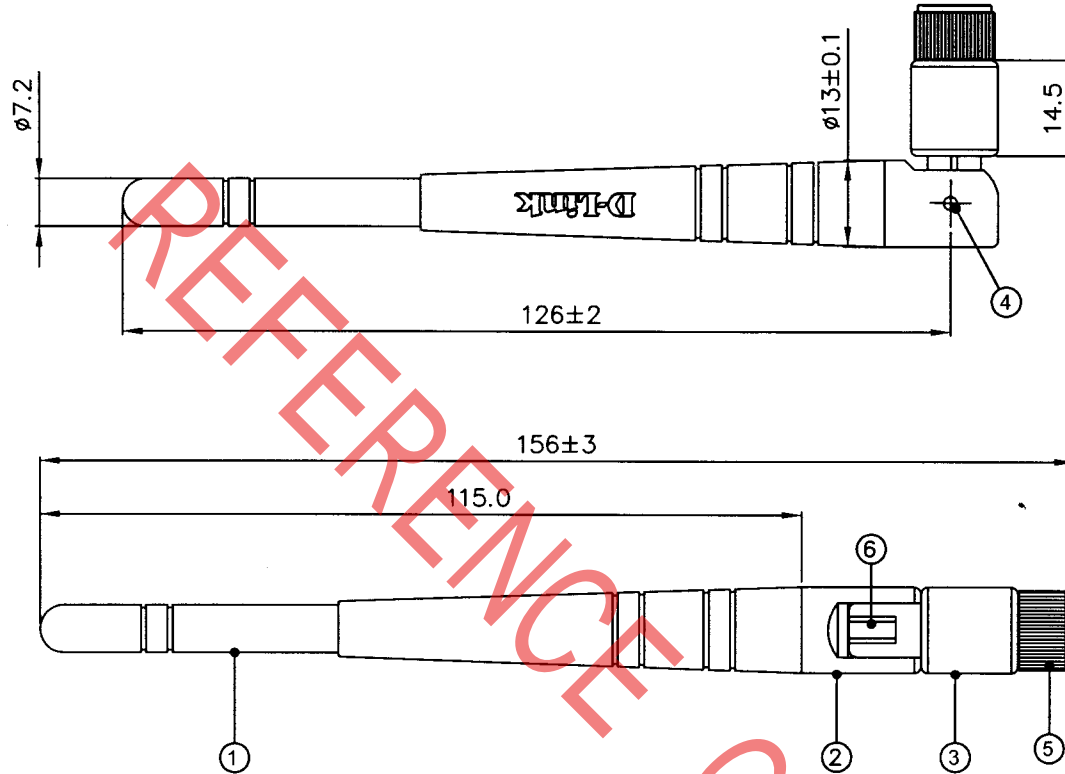
- 1.1 Frequency Range..... 2.4GHz ~ 2.5GHz
- 1.2 Impedance 50 Nominal
- 1.3 VSWR 1.92 Max.
- 1.4 Return Loss..... -10 dB Maximum
- 1.5 Radiation Omni-directional
- 1.6 Gain(peak)..... 3dBi
- 1.7 Polarization..... Linear Vertical
- 1.8 Admitted Power..... 1W

2. Physical Properties :

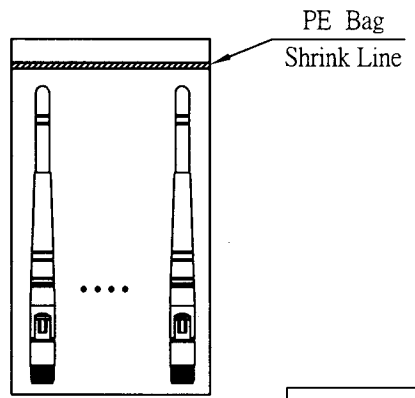
- 2.1 Cable..... RG-178 Coaxial Cable
- 2.2 Antenna Cover..... TPE
- 2.3 Antenna Base..... PC
- 2.4 Antenna Base..... PBT
- 2.5 Operating Temp. -20 ~ +65
- 2.6 Storage Temp. -30 ~ +75
- 2.7 Color Black
- 2.8 Connector..... SMA Plug Reverse

CG-

REV	DATE	DESCRIPTION
X1	12/20-2005	New Issue
X2	3/2-2006	Add logo, modify conn material



- 5/11 -
7-505924900017G (E13921) B



NO	DESCRIPTION	QTY	REMARK
6	Cable	RG-178 Cable	1
5	Connector	SMA Plug Reverse (POM)	1
4	Rivet	POM ; Black	2
3	Antenna Base	PBT ; Color : Black	1
2	Antenna Base	PC ; Color : Black	1
1	Antenna Body	TPE ; Color : Black	1

CUSTOMER'S SINGATURE	XX. ±5	APPROVED	CUSTOMER: 明泰科技股份有限公司 PART NO : PARTNAME: RF Antenna Assembly W.Y P/NO : C037-510694-A REV UNIT FILE : X2 m/m SHEET : 1/1
	X. ±3.0	CHECKED	
	.X ±1.0	DRAWING	
	.XX ±0.5		
	.XXX ±0.1		

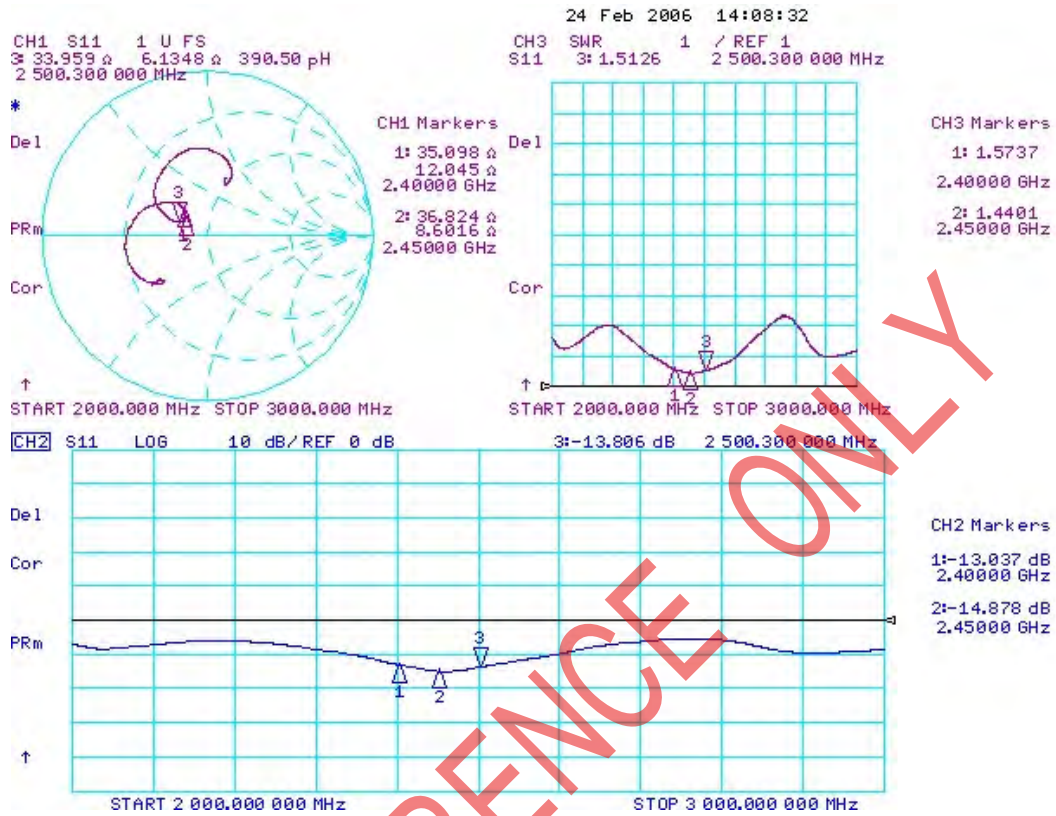


Wha Yu
INDUSTRIAL CO.,LTD.
譚裕實業股份有限公司

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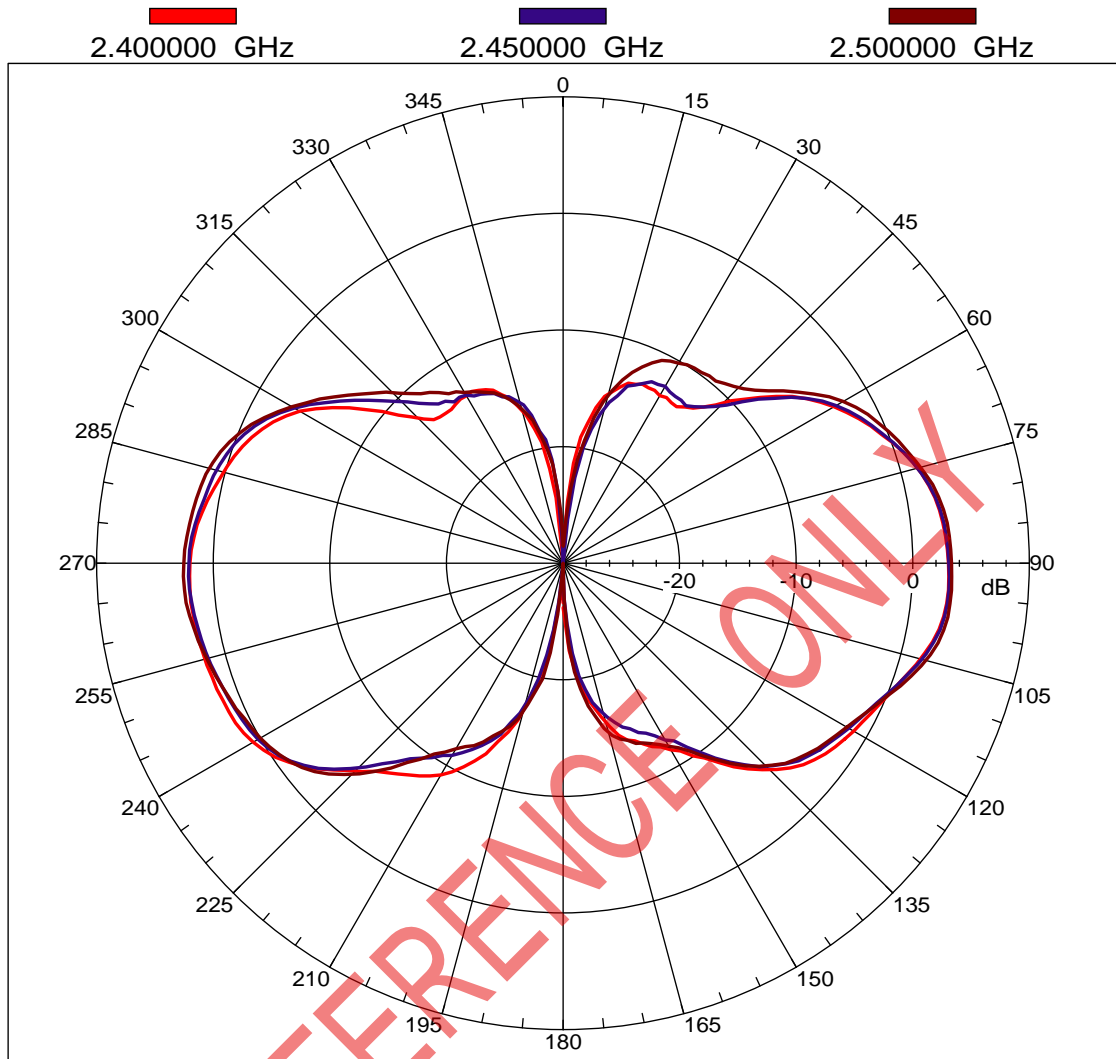
RF Antenna Assembly
P/NO : C037-510694-A SPEC : 2.4GHz



REFERENCE ONLY

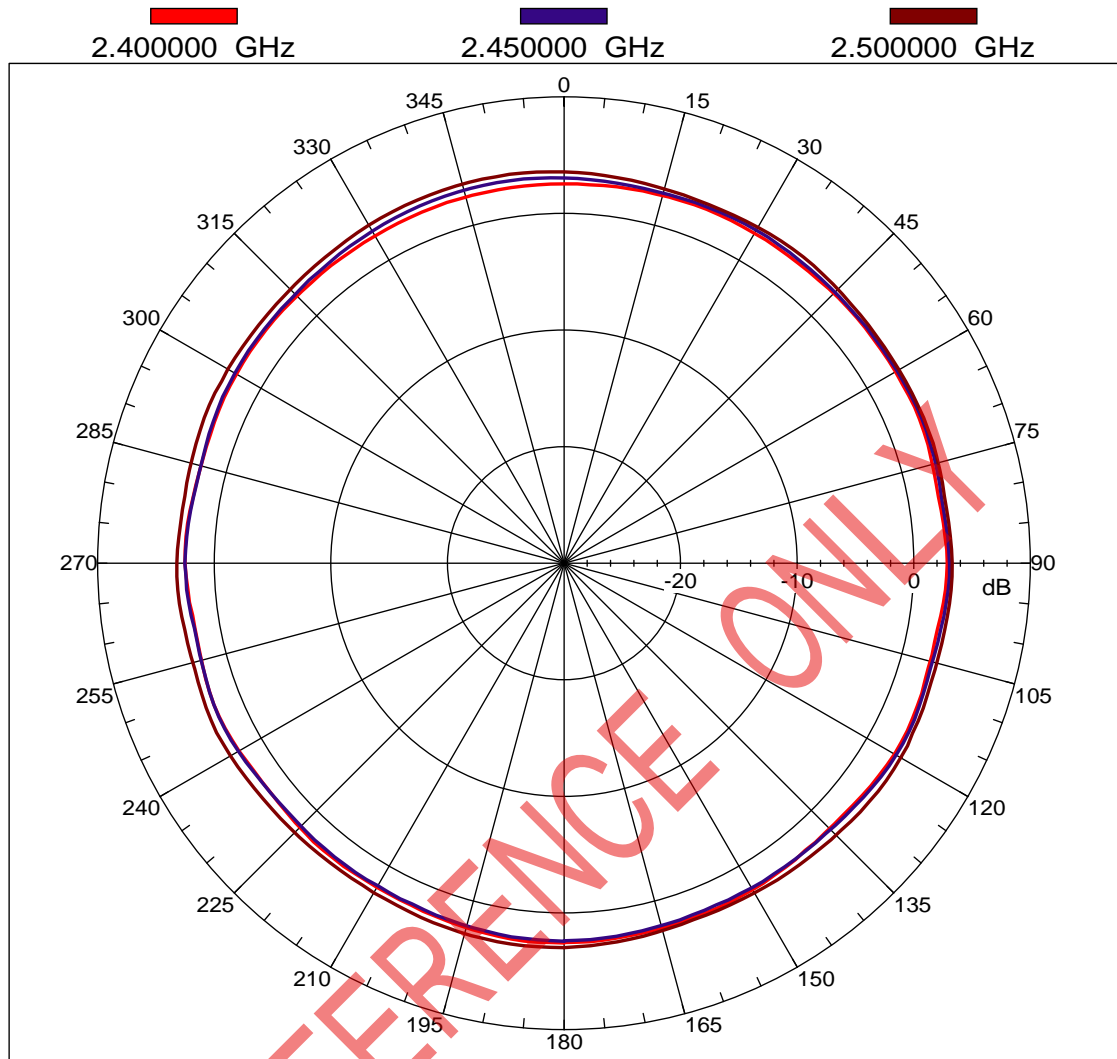
3/2/2006

Far-field amplitude of C037-510694-A-H.nsi



3/2/2006

Far-field amplitude of C037-510694-A-V.nsi



3/2/2006

PRODUCT SPECIFICATION	ISSUED DATE	July.12, 2000	PAGE	1/2
	REVISION		REVISION NO.	

PRODUCT NAME : Coaxial Cable
RATING : -55°C ~ 200°C
ITEM : RG 178 B/U

誠謙

No.	Revised Date	Revised Details	Page	Report

REPORTED BY :

APPROVED BY :




Q.C Engineer HOON LEE

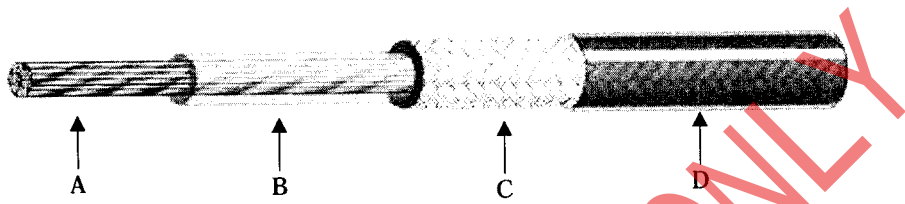
Q.C Manager SOON-MOK SHIN

PRODUCT SPECIFICATION	ISSUED DATE	July.12, 2000	PAGE	2/2
	REVISION		REVISION NO.	

1. APPLICATIONS

This specification is applies to Coaxial Cable manufactured by the YOUNG CHANG SILICONE CO.,LTD

2. STRUCTURE



- A. Conductor: SCCS
- B. Insulation : PFA
- C. Shield : Silver-Plated Copper
- D. Jacket : FEP

3. DIMENSION

Conductor (SCCS)			Insulation		Shield		Jacket	
Structure	Cross sectional area	Diameter	Material	Diameter	Material	Diameter	Material	Diameter
Q'ty/mmφ	mm ² (SQ)	mmφ		mmφ		mmφ		mmφ
7/0.102	0.06	0.30	PFA	0.84±0.05	SPC	1.25	FEP	1.80±0.10

4. ELECTRIC PROPERTIES

Impedance	Capacitance	Maximum Attenuation (dB/100ft)				Dielectric Sterngth
		100Mhz	400Mhz	1Ghz	3Ghz	
ohms	pF/ft(Max)					V/1min
50 ± 2	32	16.0	33.0	52.0	94.0	2000



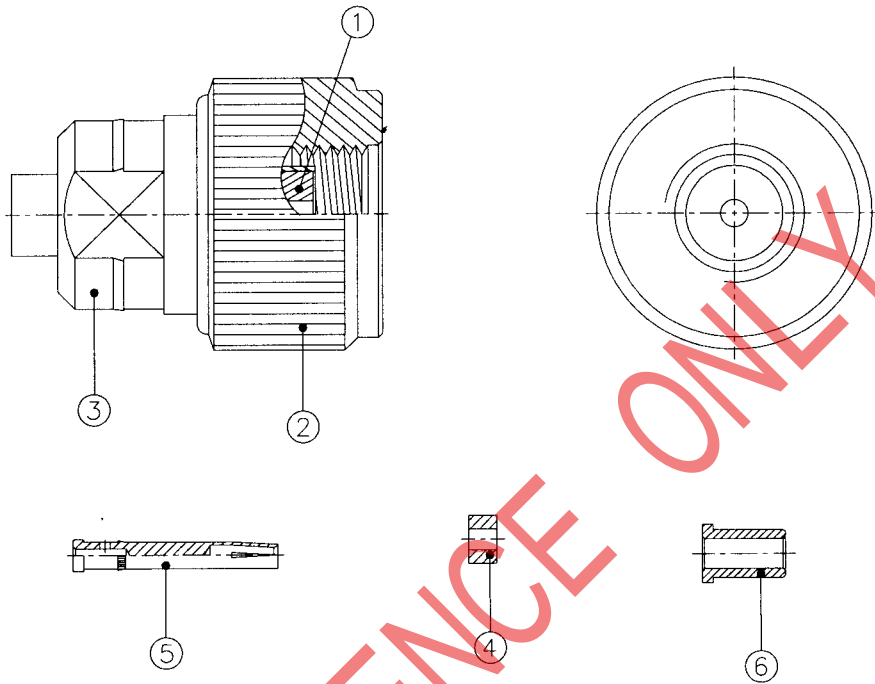
華裕實業股份有限公司

WHA YU INDUSTRIAL CO., LTD

Connector 材質證明書

華裕料號 Whayu P/N	100-2001164-AZ	產品名稱 Product Name	Big SMA Plug Reverse Straight For RG-178
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結構圖面



材質成份

表面處理

No.	名稱	材質	材質成份					表面處理
			Cu	Pb	Fe	Fe+Sn	Zn	
1	絕緣體	Teflon	PTFE					N/A
2	外殼	POM	POM					黑色
3	本體	Brass	Cu	Pb	Fe	Fe+Sn	Zn	鍍鎳
4	絕緣體	Teflon	PTFE					N/A
5	中心針	Phos. Bronze	Cu	Sn	P	Zn	Pb	鍍金
6	尾管	Brass	Cu	Pb	Fe	Fe+Sn	Zn	鍍鎳

Remark :

