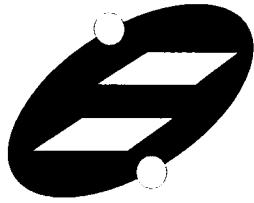


Alpha P/N：505924900017G		申請者：張佑誠	主管：楊威
零組件品名：ANTENNA 3dBi C037-510694-A			
原製造廠商：譚裕(500770)		原廠編號：C037-510694-A	
代理商：譚裕		聯絡人：李春華	電話：03-5714225 #1517
應用機種：			
COMMENTS：			
測試結果	UPDATE：增加 D-Link logo		
檢驗重點: - 外觀 - 尺寸 - 型號			
主管：王椅楠		☒ 承辦者：周禎義 ☐ 測試人：	
		日期：2006/3/7	
機構	R&D	PM	
生技	資材	品管	
結果	☒ 合格 ☐ 否決 ☐ 其它	審核	王椅楠



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

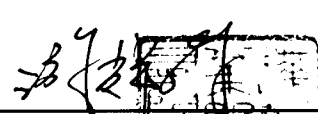
PART NAME: RF Antenna Assembly

PART NO.:

REVISION:

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

REV.: X2

	MANUFACTURER SIGNATURE	CUSTOMER SIGNATURE
APPROVED BY :		
DATE :		

WHA YU GROUP

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華弘國際有限公司

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Fax: + 86-21-59741347

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蘇州華廣電通有限公司

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Wujiang City, Jiangsu Province, China

Tel: + 86-512-63627980

Fax: + 86-512-63627981

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4.	Cable 規格	 6~7
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REFERENCE ONLY

RF Antenna Cable Assembly

Specification

1. Electrical Properties :

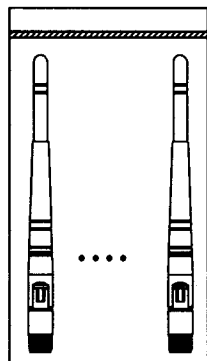
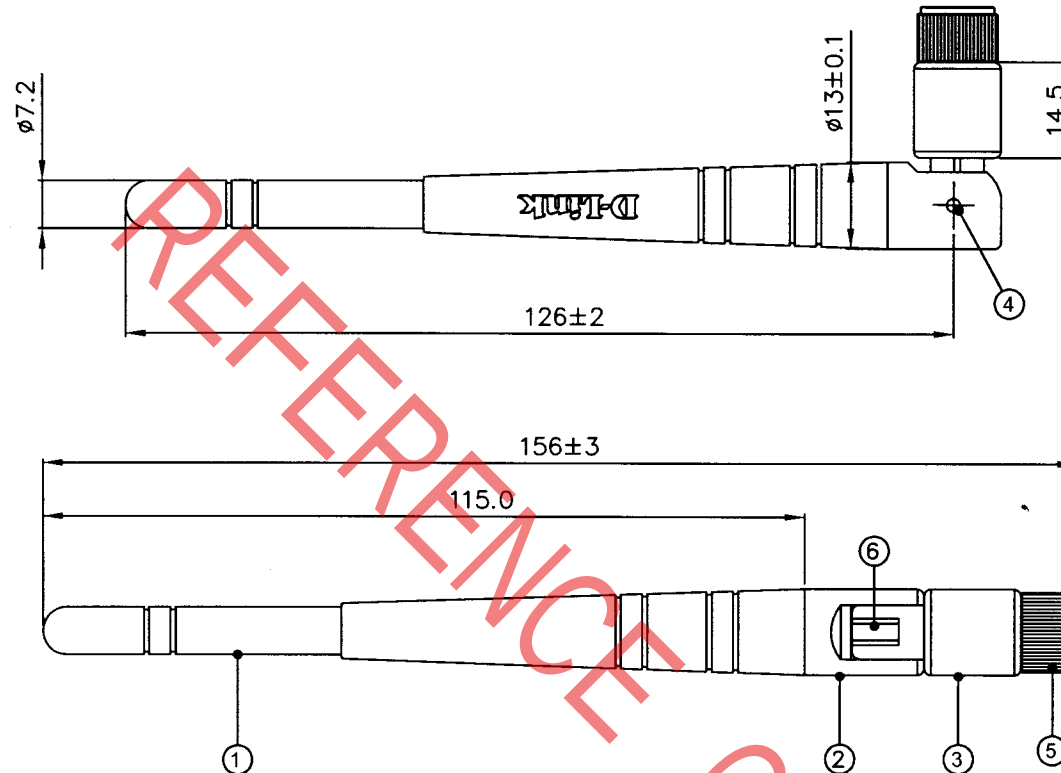
- 1.1 Frequency Range..... 2.4GHz ~ 2.5GHz
- 1.2 Impedance 50 Ω Nominal
- 1.3 VSWR 1.92 Max.
- 1.4 Return Loss..... -10 dB Maximum
- 1.5 Radiation Omni-directional
- 1.6 Gain(peak)..... 3dBi
- 1.7 Polarization..... Linear Vertical
- 1.8 Admitted Power..... 1W

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



PE Bag
Shrink Line

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	
NO	DESCRIPTION		QTY	REMARK

CUSTOMER'S SIGNATURE

XX.	±5	APPROVED
X.	±3.0	CHECKED
.X	±1.0	
.XX	±0.5	
.XXX	±0.1	
⊕		DRAWING

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



Wha Yu
INDUSTRIAL CO.,LTD.

譚裕實業股份有限公司

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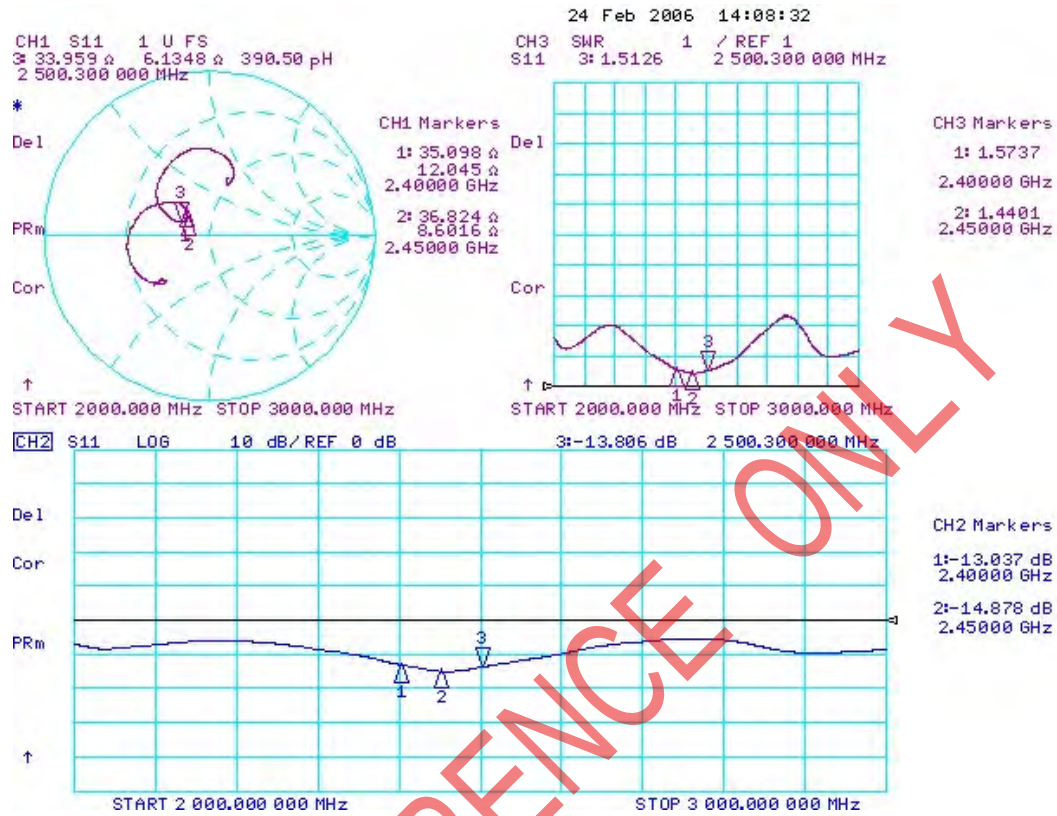
- 5/11 -

7-505924900017G(E13921) B



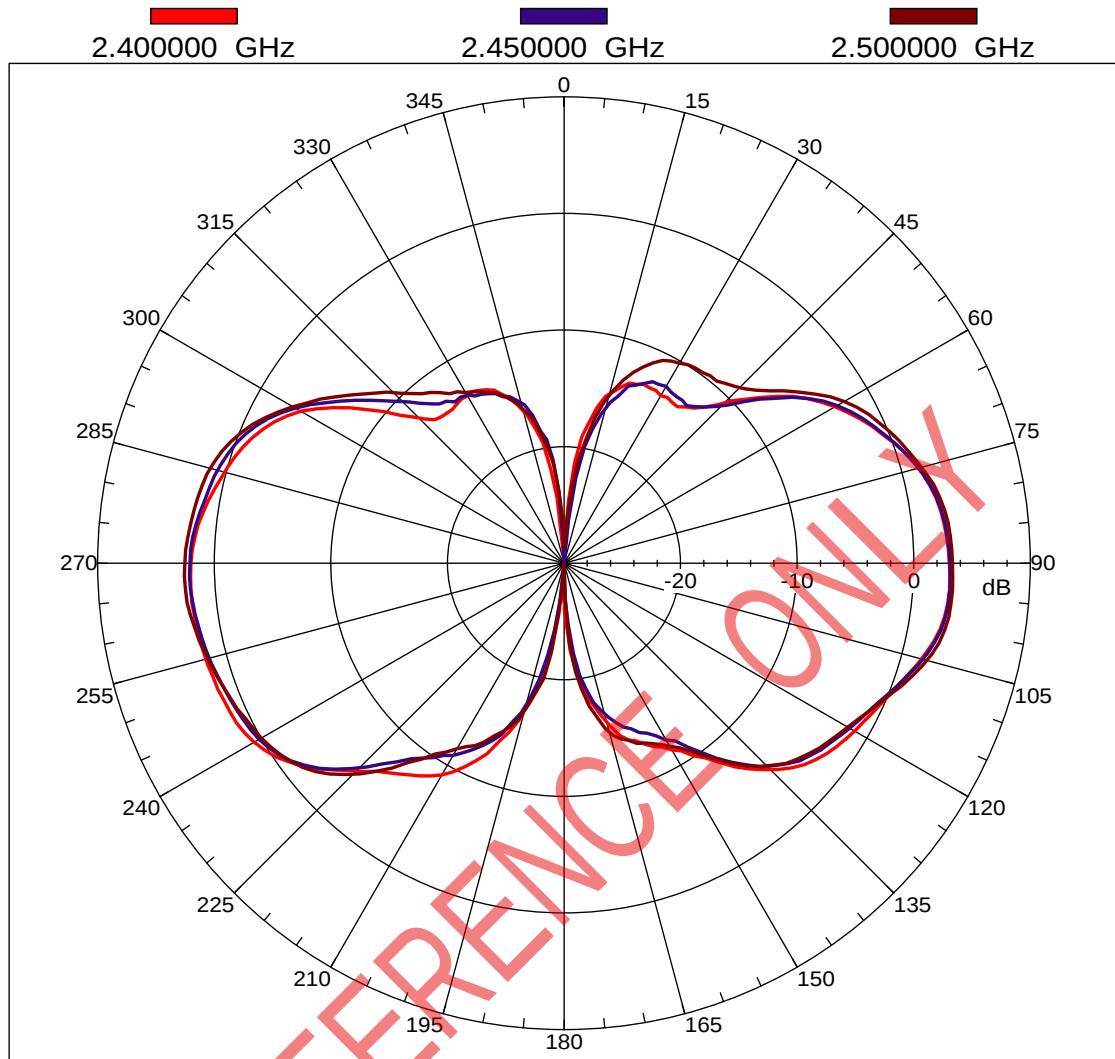
RF Antenna Assembly

P/NO : C037-510694-A SPEC : 2.4GHz



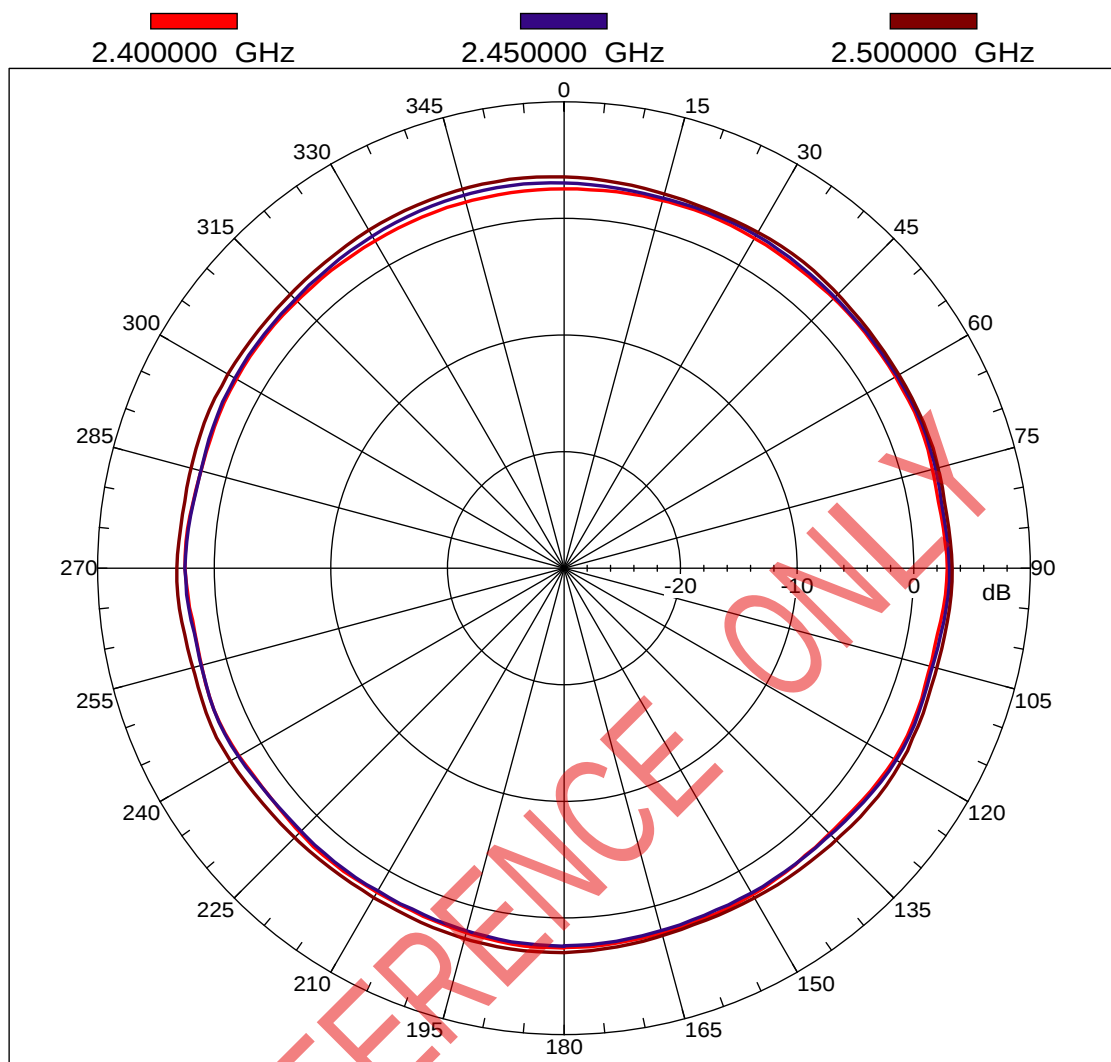
3/2/2006

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℃ ~ 200℃
 ITEM : RG 178 B/U

No.	Revised Date	Revised Details	Page	Report

REPORTED BY :

APPROVED BY :


 Q.C Engineer HOON LEE

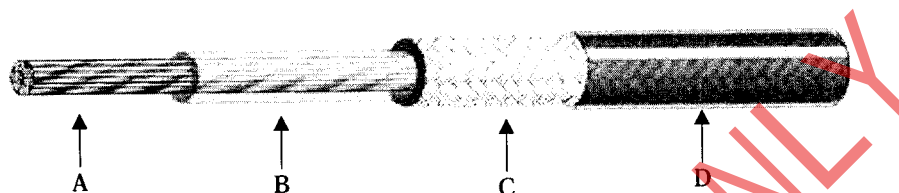

 Q.C Manager SOON-MOK SHIN

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



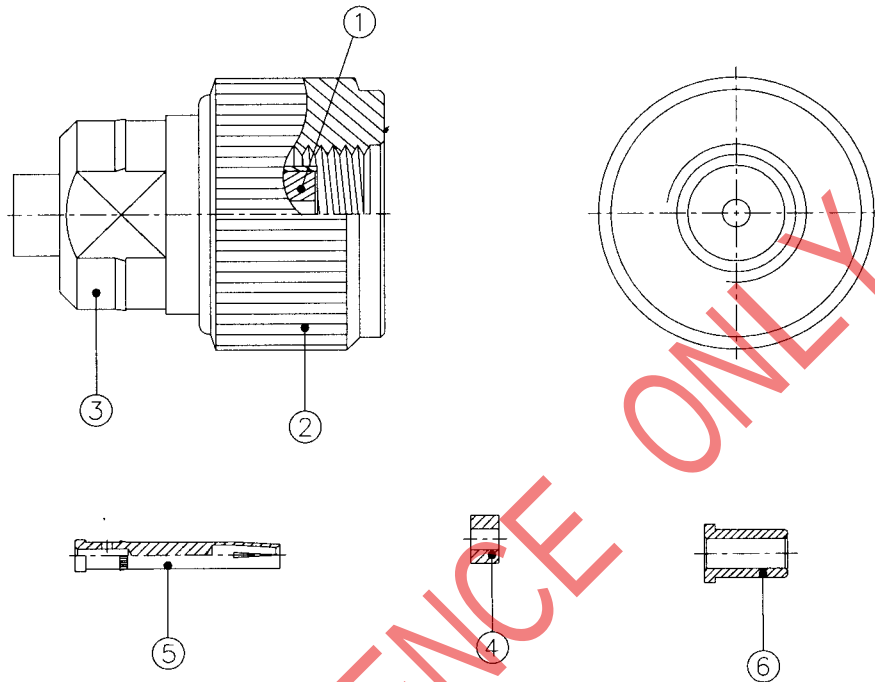
華裕實業股份有限公司

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

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 :

