

承 認 書
SPECIFICATION FOR APPROVAL

客 戶
CUSTOMER

Hansong(NanJing)Technology Ltd

日 期
DATE

2015-08-19

品 名
DESCRIPTION

Antenna

客 戶 料 號
CUSTOMER P/N

29-02901-00

成 品 編 號
Model No

RC1WFI0886A

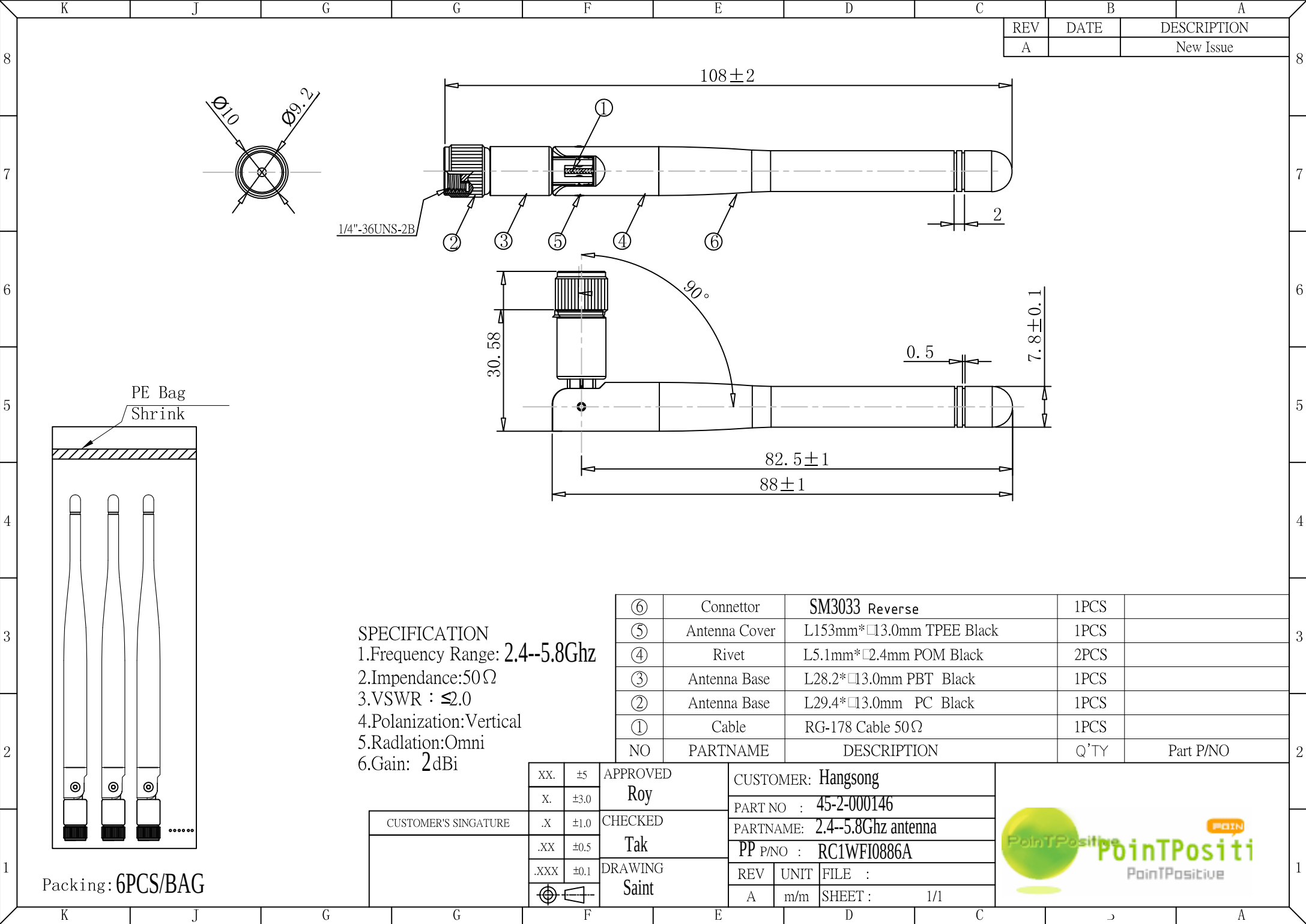
Suzhou point positive electronic technology co.,ltd

ADD ;No 3 XinLang Road ,Yinghu industrial Park, Wangting Town
Xiangcheng district Suzhou City
E_mail; sales@ppteco.com

TEL : 0512--66706846 FAX : 0512-65088773

SPECIFICATION

- | | |
|-------------------------------|----------------------------------|
| 1. Description | : Antenna |
| 2. Customer | : Hansong(NanJing)Technology Ltd |
| 3. Model No. | : RC1WFI0886A |
| 4. Part No. | : 29-02901-00 |
| 5. Standard | : Wlan |
| 6. Antenna Profile | : |
| 7. Lead Length | : 108MM |
| 8. Electrical Characteristics | |
| Operating Frequency | : 2.4--5.8GHz |
| Antenna Type | : Dual Band |
| Impedance | : 50 Ohm nominal |
| VSWR | : 2.0 MAX |
| Gain | : 2.0DBI |
| 9. Mechanical Characteristics | |
| Connector | : RP-SMA |
| Core | : N/A |
| 10. Raw Material | |
| Coaxial Cable | : OD:RG-178 |



PE Bag
Shrink

SPECIFICATION
1.Frequency Range: 2.4--5.8Ghz
2.Impendence:50Ω
3.VSWR : ≤2.0
4.Polanization:Vertical
5.Radlation:Omni
6.Gain: 2dBi

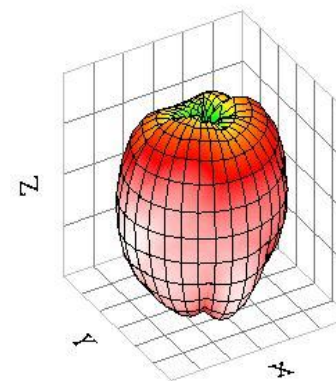
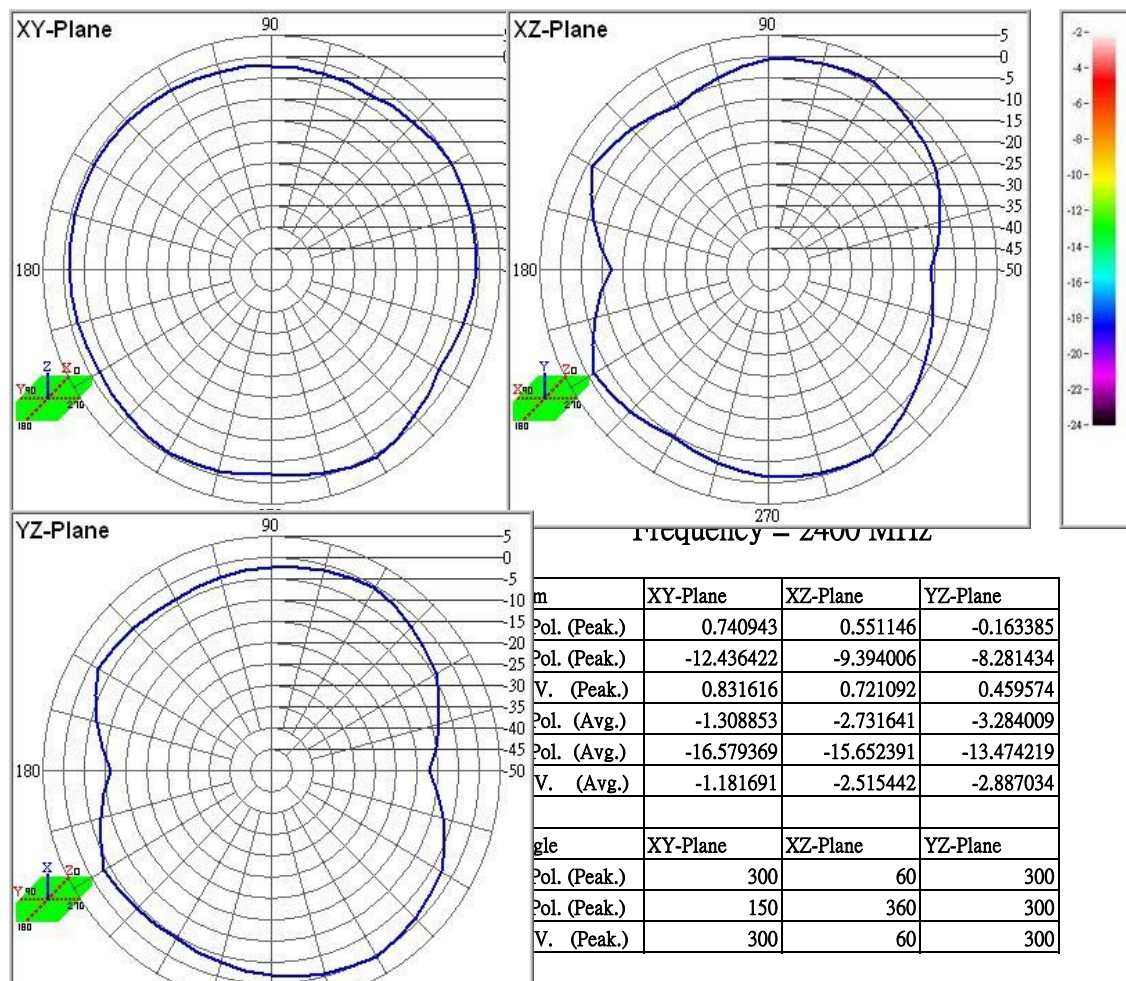
⑥	Connettor	SM3033 Reverse	1PCS	
⑤	Antenna Cover	L153mm*□13.0mm TPEE Black	1PCS	
④	Rivet	L5.1mm*□2.4mm POM Black	2PCS	
③	Antenna Base	L28.2*□13.0mm PBT Black	1PCS	
②	Antenna Base	L29.4*□13.0mm PC Black	1PCS	
①	Cable	RG-178 Cable 50Ω	1PCS	
NO	PARTNAME	DESCRIPTION	Q'TY	Part P/NO

XX.	±5	APPROVED Roy
X.	±3.0	
.XX	±1.0	CHECKED Tak
.XX	±0.5	
.XXX	±0.1	DRAWING Saint
⊕	⊖	

CUSTOMER: Hangsong		
PART NO : 45-2-000146		
PARTNAME: 2.4--5.8Ghz antenna		
PP P/NO : RC1WFI0886A		
REV	UNIT	FILE :
A	m/m	SHEET : 1/1



Packing: 6PCS/BAG

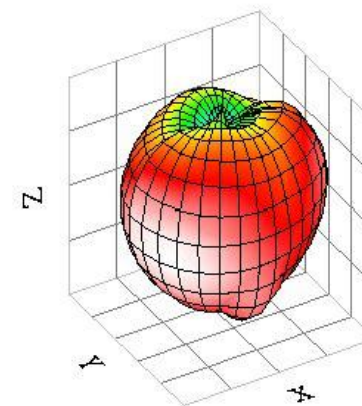
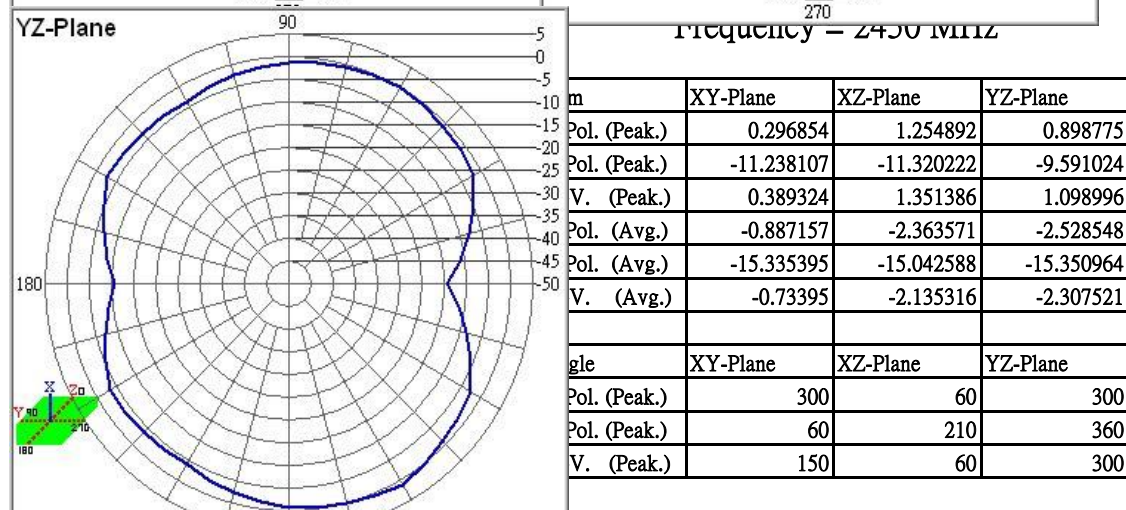
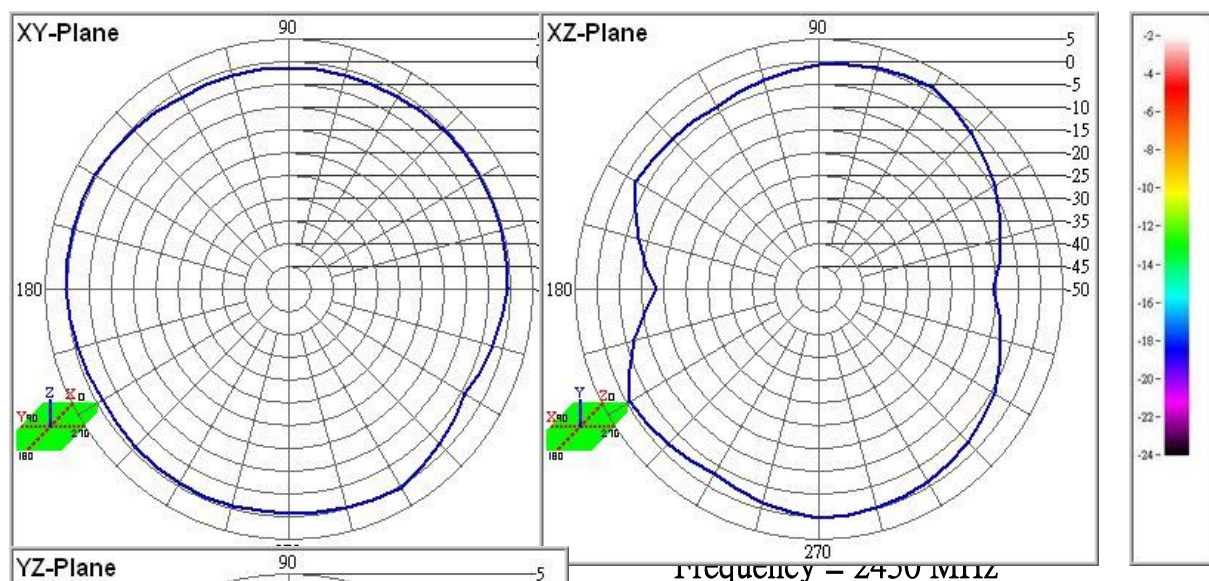


The Most Appropriate Antenna for Your Best Design!

— H-Pol

— V-Pol

— H+V

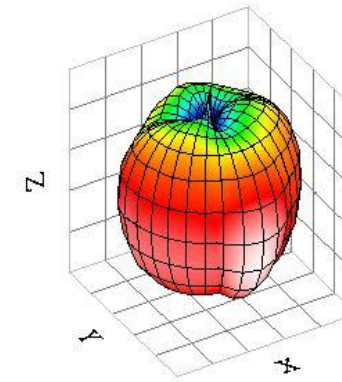
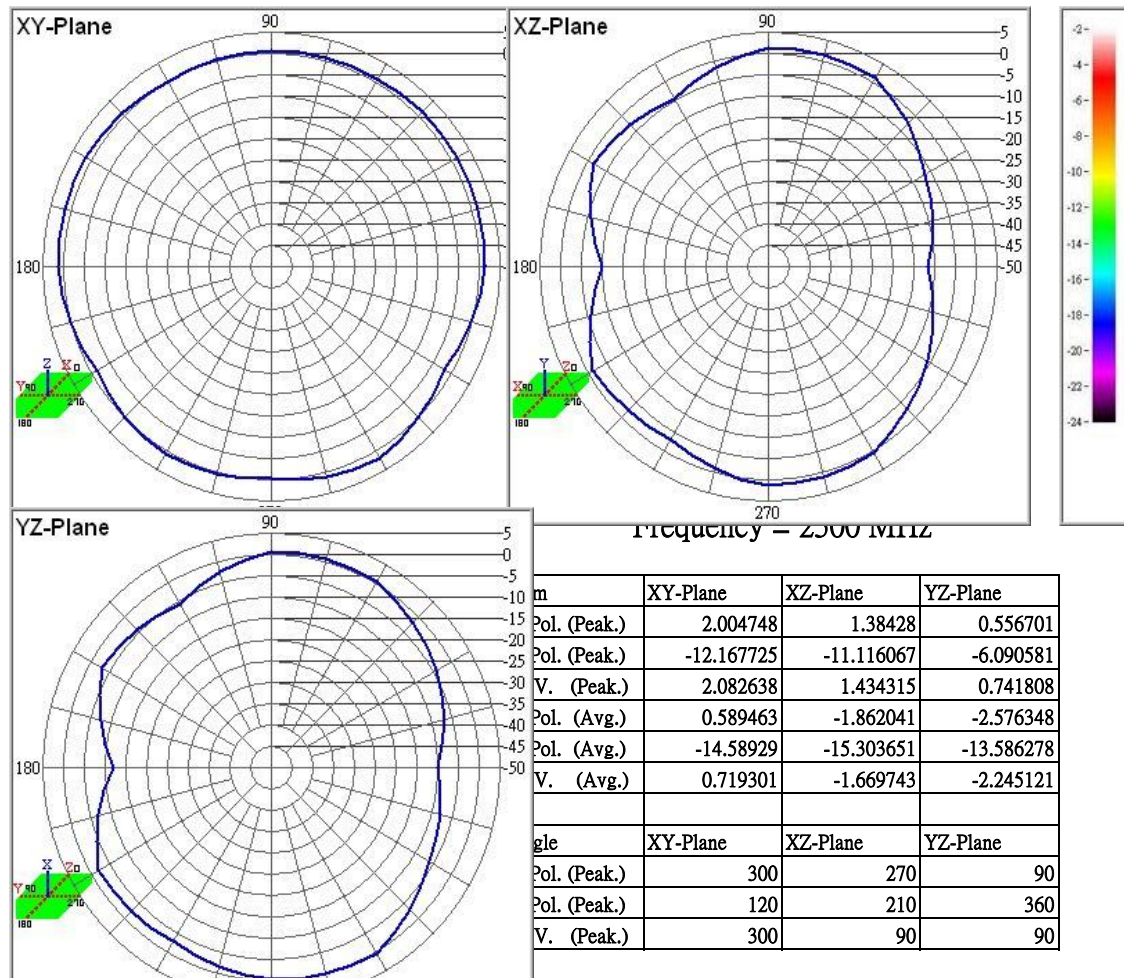


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— H-Pol

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The Most Appropriate Antenna for Your Best Design!

— H-Pol

— V-Pol

— H+V

XY-Plane	H-Pol. (Peak.)	V-Pol. (Peak.)	H+V. (Peak.)	H-Pol. (Avg.)	V-Pol. (Avg.)	H+V. (Avg.)
2400	0.740943	-12.436422	0.831616	-1.308853	-16.579369	-1.181691
2450	0.296854	-11.238107	0.389324	-0.887157	-15.335395	-0.73395
2500	2.004748	-12.167725	2.082638	0.589463	-14.58929	0.719301
5150	-0.214168	-8.787717	-0.03389	-2.614391	-12.895154	-2.225251
5250	3.679895	-5.406301	3.903446	0.467023	-9.156078	0.916597
5800	3.727194	-2.74373	3.836663	-0.958959	-8.574502	-0.26539
XZ-Plane	H-Pol. (Peak.)	V-Pol. (Peak.)	H+V. (Peak.)	H-Pol. (Avg.)	V-Pol. (Avg.)	H+V. (Avg.)
2400	0.551146	-9.394006	0.721092	-2.731641	-15.652391	-2.515442
2450	1.254892	-11.320222	1.351386	-2.363571	-15.042588	-2.135316
2500	1.38428	-11.116067	1.434315	-1.862041	-15.303651	-1.669743
5150	-0.297492	-9.142652	-0.109323	-4.112846	-13.088671	-3.595167
5250	-2.221693	-6.019747	-1.79424	-7.224069	-9.451764	-5.18632
5800	-2.110139	-2.74373	-0.694548	-5.969341	-6.556929	-3.242906
YZ-Plane	H-Pol. (Peak.)	V-Pol. (Peak.)	H+V. (Peak.)	H-Pol. (Avg.)	V-Pol. (Avg.)	H+V. (Avg.)
2400	-0.163385	-8.281434	0.459574	-3.284009	-13.474219	-2.887034
2450	0.898775	-9.591024	1.098996	-2.528548	-15.350964	-2.307521
2500	0.556701	-6.090581	0.741808	-2.576348	-13.586278	-2.245121
5150	-0.856452	-10.506296	-0.566879	-4.965048	-12.785778	-4.301161
5250	2.491087	-4.393888	2.930915	-3.917434	-8.040907	-2.496832
5800	1.461337	-6.322988	1.802768	-4.554699	-8.307504	-3.027462

无锡源达电工材料有限公司

WUXI YUANDA ELECTRICAL MATERIAL CO., LTD.

中国江苏省江阴市青阳镇南陈村 邮编 214401

Nachen, Qingyang Town, Jiangyin City 214400, Jiangsu, China

客户/ Customer: 苏州点正电子科技有限公司

客户料号/ Customer P/N: YD178

规格书

Specification

50 Ω (FEP) 绝缘射频电缆

50 Ω FEP Insulated Coaxial Cable

YD178 系列

YD178 SERIES

编制/ Signed by: cool lai

编制日期/ Date: 22th April 2009

无锡源达电工材料有限公司

WUXI YUANDA ELECTRICAL MATERIAL CO., LTD.

中国江苏省江阴市青阳镇南陈村 邮编 214401
Nachen, Qingyang Town, Jiangyin City 214400, Jiangsu, China

1. 适用范围:

Scope
本规格书制定了 50Ω FEP 绝缘射频电缆 YD178 系列的结构和电气特性。
This specification covers the construction and the electrical properties of YD178 series of 50Ω FEP Insulation Coaxial Cable.

2. 结构/Construction: 单位/Unit:mm

项目/Item		详细资料/Details
导体/Conductor	材料/Material	镀银铜线/Silver-coated Copper Wire
	构成(根/mm) Composition (No. /mm)	7/0.102
	标称直径/Nom. O. D (mm)	0.306±0.03
绝缘层 /Insulation	材料/Material	/聚四氟乙烯/PTFE
	标称绝缘厚度/Nom. Thick (mm)	0.275
	标称外径/Nom. O. D (mm)	0.86±0.03
屏蔽层/Shield	材料/Material	镀银铜线/ Silver-coated annealed copper wire
	构成/Composition	0.10 单线编织/Single Braid of 0.10
护套/Jacket	材料/Material	聚全氟乙丙烯(*颜色)/FEP(*color)
	标称护套厚度/Nom. Thick (mm)	0.25
	标称外径/Nom. O. D (mm)	1.80±0.08
	颜色/Color	按与客户确认的颜色/According to corresponding have approved by the suppliers and customers

3. 电气特性(20℃时)/Electrical Properties(at 20℃)

项目/Item	单位/Unit	详细资料/Details	
导体电阻/Conductor Resistance	Ω/km	Max. 800	
绝缘电阻/Insulation Resistance	MΩ. km	Min. 500	
耐压强度/Dielectric Strength	V(AC)/min	1000	
静电容/Capacitance	pF/m	105 (1kHz)	
特性阻抗 /Characteristic Impedance	Ω	50±2.0	
衰减/Attenuation	dB/m	1GHz	1.70
		2GHz	2.42
		3GHz	3.08

无锡源达电工材料有限公司

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中国江苏省江阴市青阳镇南陈村 邮编 214401

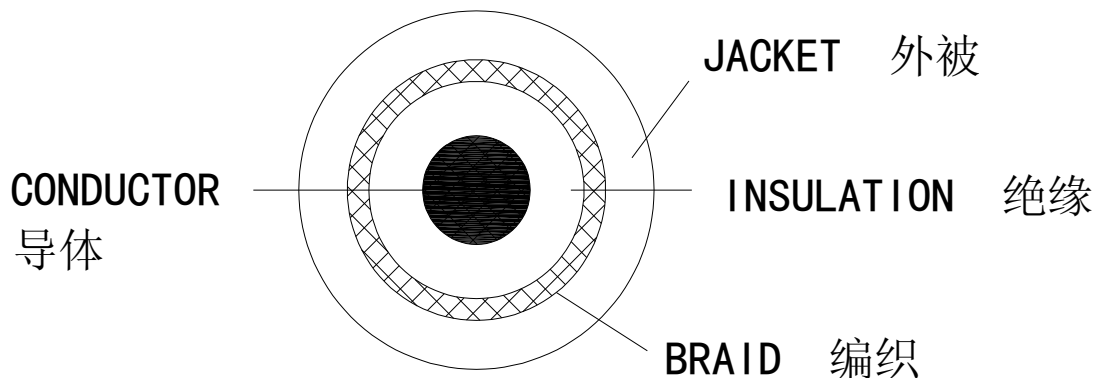
Nachen, Qingyang Town, Jiangyin City 214400, Jiangsu, China

		4GHz	3.63
		5GHz	4.15
		6GHz	4.80
耐温 Temperature range	°C	-55-150 (FEP), -55-200 (PTFE)	
驻波比/Standing wave (0-6GHz)	/	≤1.35	

4. 包装 Packing

标准单位包装长度为 400 米/盘, 每盘最多允许 3 个接头, 接头最短长度 20 米, 在搬运过程中不能损坏包装.

Standard unit length of finished cable shall be 400m on reel, frequency of joint max. 3/reel, the mini length is 20m. The finished cable shall be packed not be damaged during transportation



本产品有时不适合车载用途的情况也有,所以使用前请先和本公司业务部门进行商谈.

This product is not suitable for automobile application in some cases. Please contact with our sales department before you use this product.

规格书完

End of specification