



customer name:

specification PRODUCT SPECIFICATION SHEET

name of material

APPELLATION: Antenna Assembly

size of product

MODEL: 2.4~2.5 GHz copper tube antenna 1.13 gray line L=90 MM

P / N

No.: T8 S

Producers	craft checking	quality audit	Project review	Development review
	Technical	Quality	Project	Developing
	<u>Deng Kaiyuan</u>	Zeng Xuejun	Li Songlin	Deng Kaiyuan

Customer side	Material Engineer	design engineer	Supervise approval	Research and development system
	Materials Engineer	Engineer	Approval	R & D System

Supplier information:

Shenzhen Xinshe ng Zh i y uan Comm unication Equ i p m ent Co,

L t d address:

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I. Basic information

material code:	Acknowledgment date: 2016-03-16	editio n	revise content
supplier:	List of applicable product models:	V1.0	
Material name: Antenna Assembly			
Material specification: 2.4~2.5GHz copper tube antenna 1.13 gray wire L=90MM			
Supplier material code/model: T8FB			

2. Antenna specification table

Specification

1. Electrical Properties

- 1.1 Frequency Range----- 2.4-2.5GHz
- 1.2 Impedance----- 50 Ω
- 1.3 VSWR-----2.0: 1
- 1.4 Return Loss----- 10dB or Less
- 1.5 Radiation----- Omni-directional
- 1.6 Gain----- 1.80 dBi
- 1.7 Polarization----- Linear polarization
- 1.8 Admitted Power----- 1W
- 1.9 Cable----- Φ 1.13mm Gray

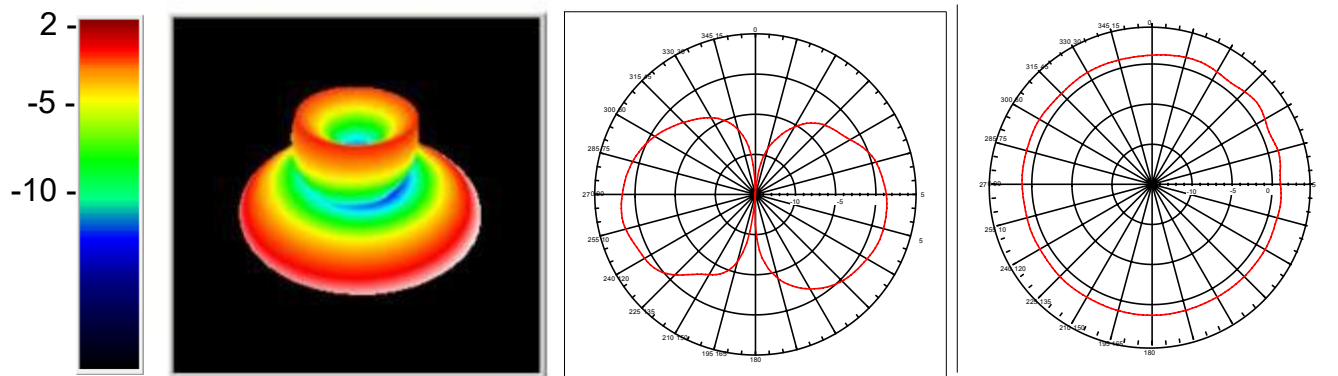
Cable

2. Physical Properties

- 2.1 Antenna Cover----- PVC
- 2.2 Antenna Base----- **Nylon**
- 2.3 Antenna Base----- Copper
- 2.4 Operating Temp----- 10°C~+60°C
- 2.5 Storage Temp----- 10°C~+70°C
- 2.6 Color-----

3. Finished drawings:

2D,3 DRaditation Pattern:



2.4 GHz Gain:1.80 dbi Efficiency:91.5%

5. Material requirements

1. Copper tube Ground Tube: ■ brass coated tin
2. Cable: ■ gray $\Phi 1.13 \times 90$ m, woven tin coated, inner conductor tin coated, outer FEP, insulator FEP

VI. Appearance inspection

1. Appearance color: ☐ brick red ☐ black ☐ white, ■ Cable: black
2. Appearance judgment criteria: no burrs; no damage; no scratches; no color mismatch; no internal conductor detachment, loosening and other bad conditions.