

APPROVAL SHEET

PRODUCT NAME	CUSTOMER APPROVED BY
JCA218	
CUSTOMER NAME OR MODEL	APPROVED DATE

SPECIFICATION /规格书



Part Number: JCA218

Product Name: BEIDOU I Antenna

VERSION INFORMATION

VERSION	DATE	REVISION DESCRIPTION	PREPARED	CHECKED	APPROVED
V1.0	2014-11-30	New Issued			

PREPARED BY	CHECKED BY	APPROVED BY
王滨滨	傅胜明	陈小忠

1. Electrical Characteristics/电气参数

Item		Specifications
Antenna	Frequency Range/频率范围	2491.75 ± 4.08MHz
	Band Width/带宽	> 80MHz
	Polarization/极化	RHCP
	Gain/增益	≥ 4dBi
	V.S.W.R/电压驻波比	≤ 1.5:1
	Impedance/阻抗	50 Ω
	Axis Ratio/法向轴比	≤ 3dB
LNA	Gain/增益	40 ± 2dB
	Noise Figure/噪声系数	< 2.0
	Voltage/电压	5 ± 1 V
	Current/电流	< 55mA
	V.S.W.R/电压驻波比	< 2:1
	Band Rejection/带外抑制	> 30dB @ 2491.75 ± 50MHz > 60dB @ 2491.75 ± 100MHz

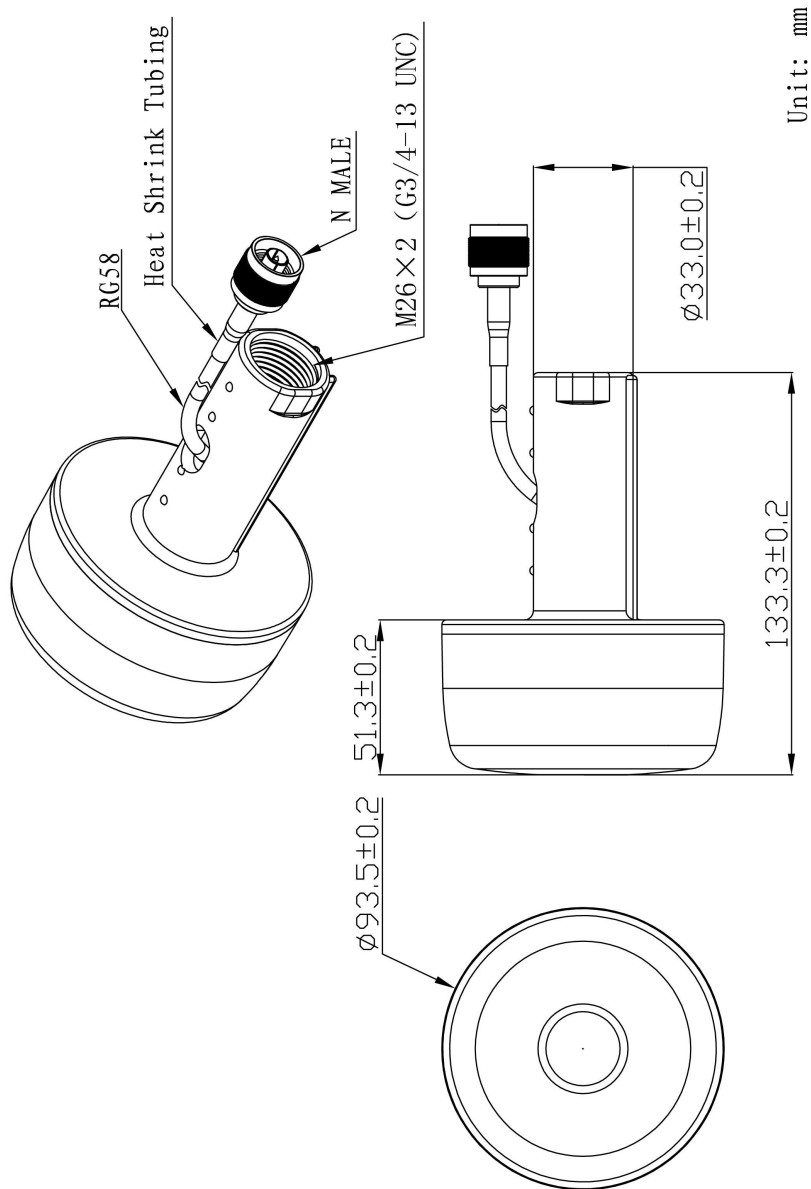
2. Material/材质

Item		Specifications
Material	RF Connector/射频连接器	N or others
	PCB Material/线路板材料	FR4
	Antenna/天线	Dielectric Ceramics/介质陶瓷
	Radome Material/天线罩材料	ABS
	Cable/同轴电缆	RG58 or others

3. Environmental Conditions/环境条件

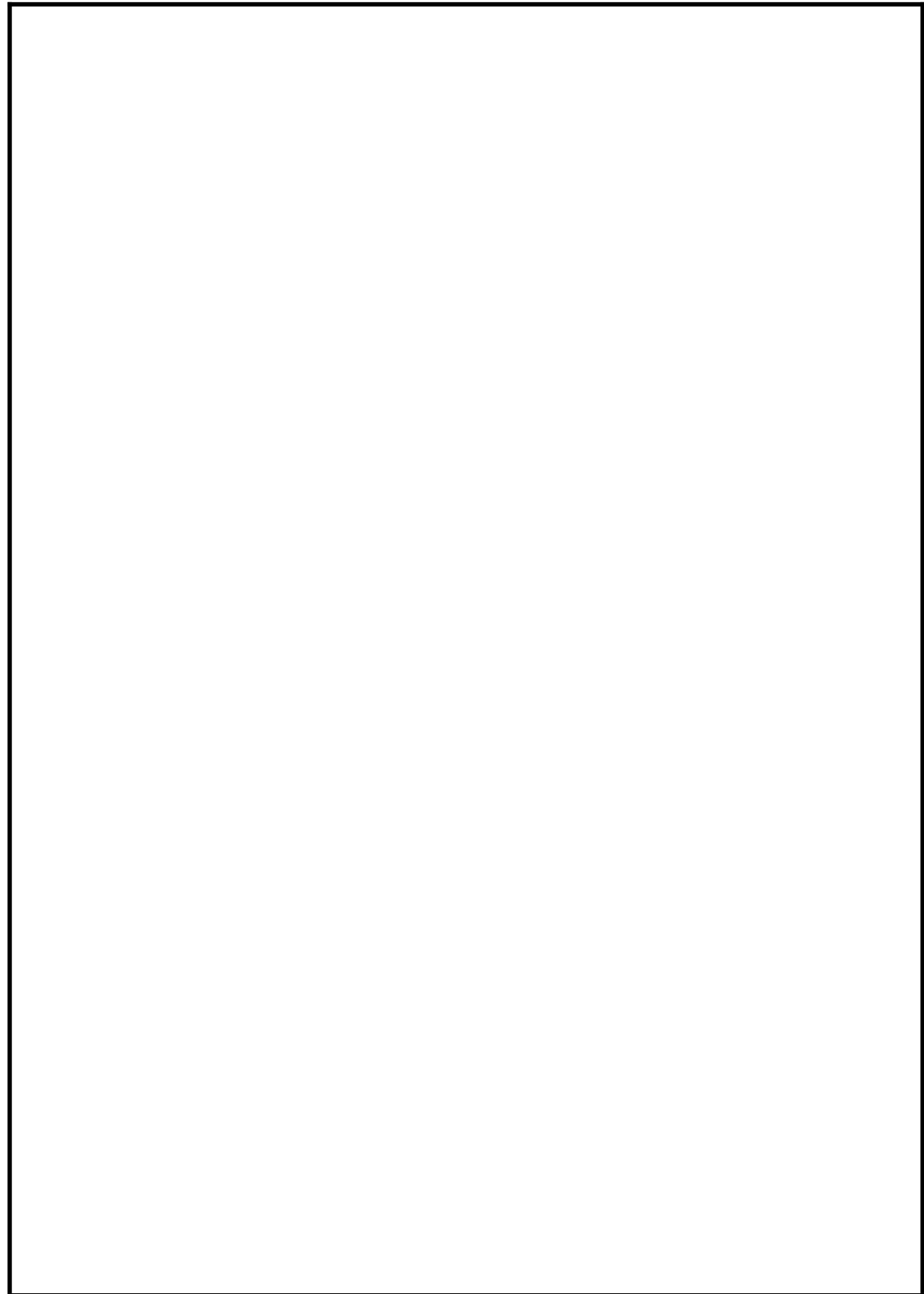
Item	Specifications	
Environmental	Operating Temperature/工作温度	-40°C~+70°C
	Storage Temperature/储存温度	-40°C~+85°C
	Vibration	10 to 55Hz with 1.5mm amplitude 1 hours
	Relative Humidity/相对湿度	Up to 90%

4. Structure/成品结构图





Jinchang Electron Global Service



JIAXING JINCHANG ELECTRONIC TECHNOLOGY CO.,LTD

Add: 398#, Zhenye Road, South Street, Jiaxing, Zhejiang, China

[Http://www.jinchanggps.com](http://www.jinchanggps.com)

E-mail: jcgps@vip.163.com

Tel: 86-0573-83692157/83692605/83958637 Fax: 86-0573-83958635