

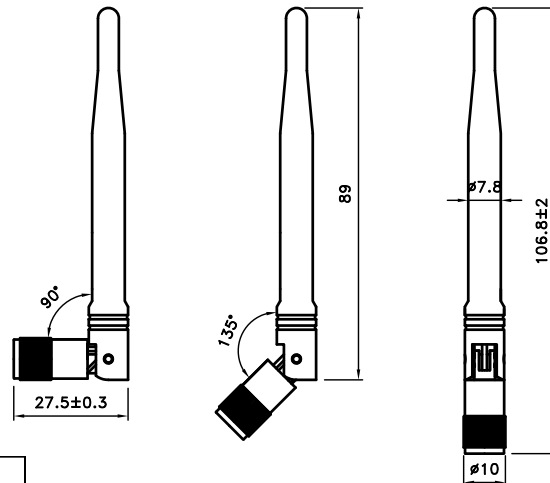
Test Item	Procedure	Requirement
Visual inspection and Dimension Check	Applicable methods using x5 magnification	follow specification
Rapid Changing of Temperature	-40°C (30minutes) to 90°C (30minutes); 24 cycles	After 2 hours recovery: 1. no visible damage 2. Freq. Tol.: ±5%
Damp Heat	24 hours at 60°C; 90 ~ 95% RH	After 2 hours recovery: 1.no visible damage 2. Freq. Tol. : ±5%
Endurance	24 hours at 90°C	After 2 hours recovery: 1. no visible damage 2. Freq Tol.: ±5%

Electrica Specifications

Frequency Range	2400~2500 MHz
V.S.W.R	≤2.0:1
Antenna Type	Dipole Sleeve
Gain	≥2.0 + 0.5dBi
Polarization	Linear
Horizontal Beam-with	360°
Impedance	50Ω
Connector	SMA MALE PIN

Mechanical Specifications

Dimension	106.8mm
Weight	7g
Housing	ABS
Hinge	ABS
Color	Black
Operating Temperature	-20°C to +70 °C
Storage Temperature	-20°C to +70 °C



Applications:

2.4GHz-2.5GHz ISM Ban
IEEE 802.11b/g/n Wireless LAN
Pubic Wireless Hotspot
Bluetooth · Wi-Fi · RFID
Wireless Video Systems
Directional and multipoint application

ELECTRIC

S.W.R.: 2.4~2.5 GHz ≤2.0
GAIN: ≥2.0 dBi
IMPEDANCE: 50 Ω

MATERIAL

MATERIAL OF RADIATOR: CU
CONNECTOR TYPE: R SMA MALE PIN

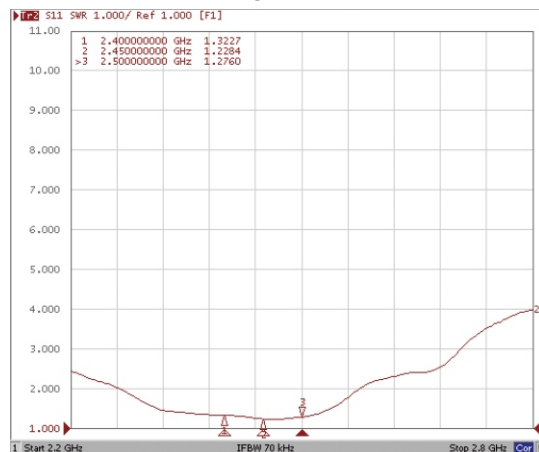
ENVIRONMENTAL

STORAGE TEMPERATURE: -20°C~70°C
OPERATING TEMPERATURE: -20°C~70°C



5	1.13 CABLE	ASSY	BLACK	1
4	N0543	BRASS	NONE	1
3	Y0385	ABS	BLACK	1
2	Y0383	ABS	BLACK	1
1	SMA	ASSY	BLACK	1
NO	DESCRIPTION	MATERIAL	FINISH	Q'ty

VSWR

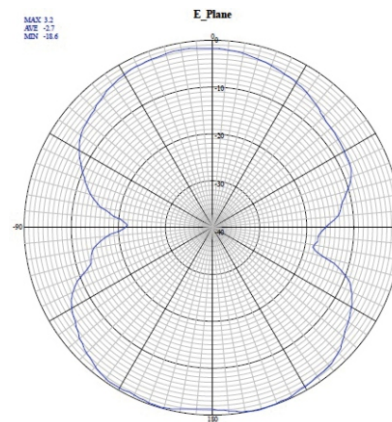


Antenna Gain

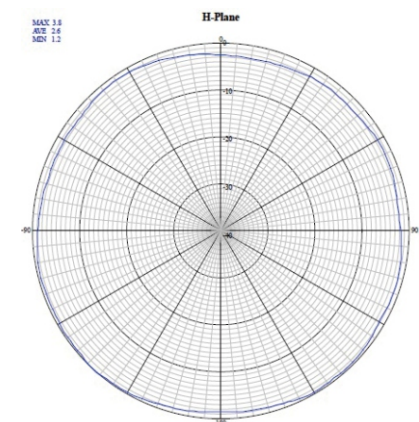
	Gain H-Plane	Gain E-Plane
2.4 GHz	3.5 dBi	3.1 dBi
2.45 GHz	3.8 dBi	3.2 dBi
2.5GHz	3.6 dBi	2.9 dBi

	HPBW H-Plane	HPBWE-Plane
2.4 GHz	360.0 deg	100.8 deg
2.45 GHz	360.0 deg	99.0 deg
2.5GHz	360.0 deg	95.4 deg

Vertical



Horizontal



RoHS Compliant

TOLERANCES ARE

MORETHANALL
PCB CONNECTORS
Cable ASSEMBLIES

煜倫股份有限公司

www.morethanall.com

DRAWING BY CY

CHECKED BY GENIUS

UNIT / mm SCALE 1 : 1

DATE

SIZE A4

X, ±
.X ±
.XX ±
.XXX ±
ANG ±

PPOJECTION

照片框

ORDER INFORMATION

ANTSMA-1S1F1B-M10C6-LF
SERIES | 106mm | LEADFREE
MALE
1 BAND
FOLDABLE
ST

DESCRIPTION: