

DUAL BAND 2.4/5GHz DIPOLE ANTENNA 9dBi DA-DB-09RP-SMA-01

APPLICATIONS AND FEATURES

Applications:

- 2.4GHz-2.5GHz / 5.15~5.85GHz ISM Band
- IEEE 802.11a/b/g/n Wireless LAN
- 802.16WiMax Networks
- Pubic Wireless Hotspot
- Bluetooth Wi-Fi RFID
- Wireless Video Systems
- Directional and multipoint application

Features :

- Superior Performance
- Made with weatherproof and corrosion resistant
- Good appearance design
- Installed for vertical or horizontal polarization
- Outdoor antenna for public Hot spots
- Heavy Duty mounting
- RoHS Compliant

SPECIFICATIONS:

Electrical Specifications

Frequency Range	2400~2500 MHz
	5150~5850 MHz
V.S.W.R	≦2.0:1
Antenna Type	Dipole Sleeve
Gain	9.0± 0.5dBi
Polarization	Linear
Horizontal Beam-with	360°
Impedance	50Ω
Connector	RP SMA MALE

Mechanical Specifications

Dimension	394mm
Weight	48.5g
Housing	TPEE
Hinge	ABS
Color	Black
Operating Temperature	-20℃ to +70 ℃
Storage Temperature	-20℃ to +70 ℃



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	90 ~ 95% RH	After 2 hours recovery: 1.no visible damage 2. Freq. Tol. : < ±5%
Endurance		After 2 hours recovery: 1. no visible damage 2. Freq Tol.: < ±5%

TESTING REPORT

1 Active Ch/Trace 2 Response 3 Stimulus 4 Mkr/Analysis 5 Instr State S11 SWR 1.000/ Ref 1.000 [F1] System 11.00 2.4000000 GHz 2.4500000 GHz 2.5000000 GHz 1.2201 1 1.1798 1.5988 1.2349 23 5.1000000 GHz 5.3500000 GHz 5.3500000 GHz 5.5000000 GHz 5.7250000 GHz 5.7750000 GHz 10.00 4 5 6 7 1.2633 1.5480 1.7593 Print 9.000 8 1,9001 5.8500000 GHz 1.7779 Abort Printing 8.000 Printer Setup... 7.000 Invert Image ON. 6.000 Dump Screen Image... 5.000 Multiport Test Set Setup 4.000 Misc Setup 3.000 Backlight. ON 2.000 Firmware Revision 11 6 1.000 Stop 6 GHz Cor ! 1 Start 2 GHz IFBW 70 kHz

VSWR

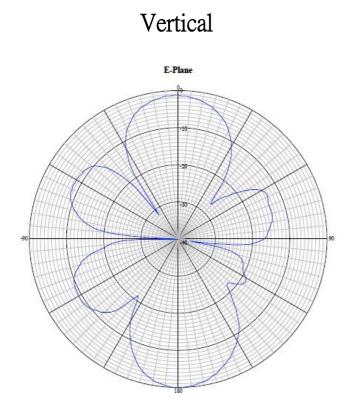
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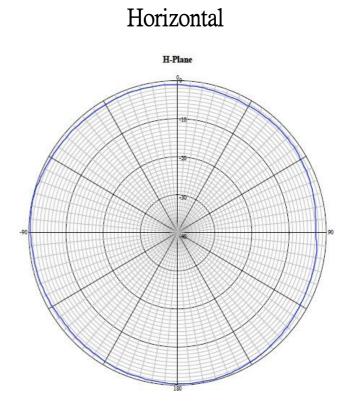
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Antenna Vertical & Horizontal Pattern

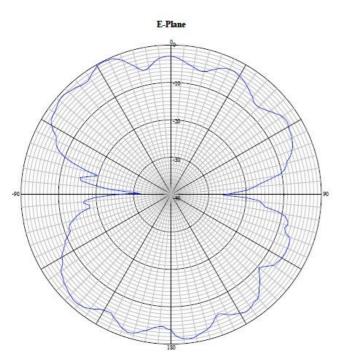




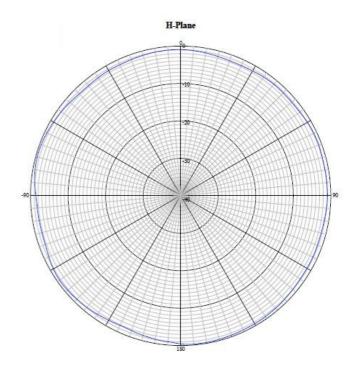


5.8GHz









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