



ANTENNA SPECIFICATION

ANT-8-OMNI-NF

ANT-8-OMNI-RPNF (Special Order)

Dipole Antennas for Base Stations with 8dBi Gain

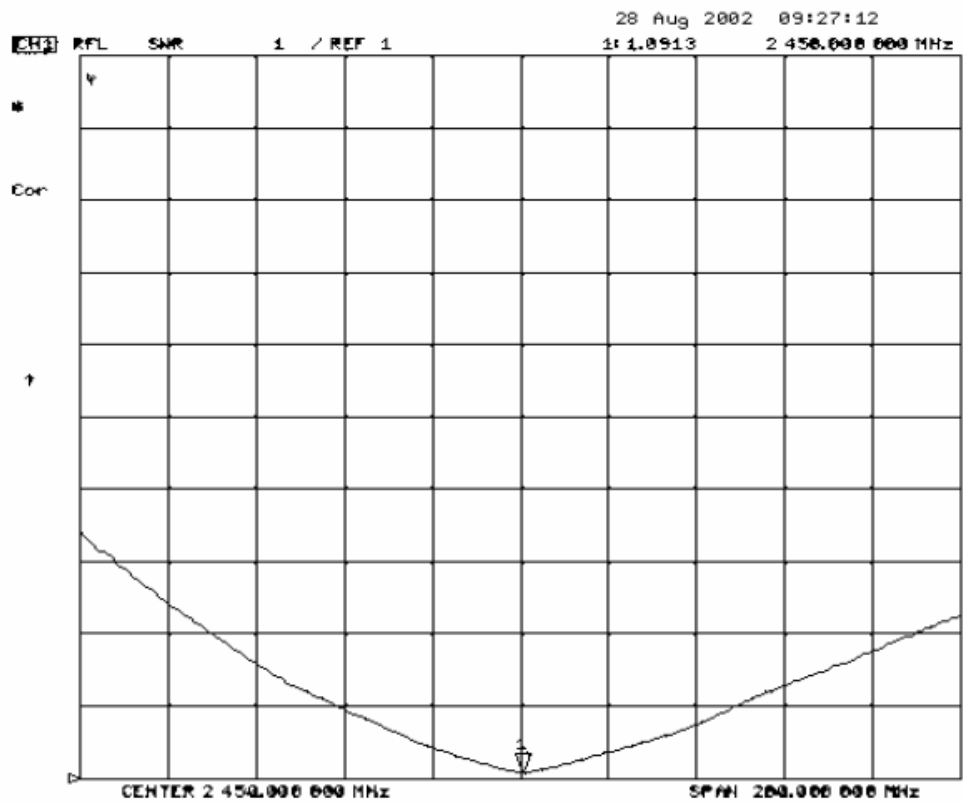
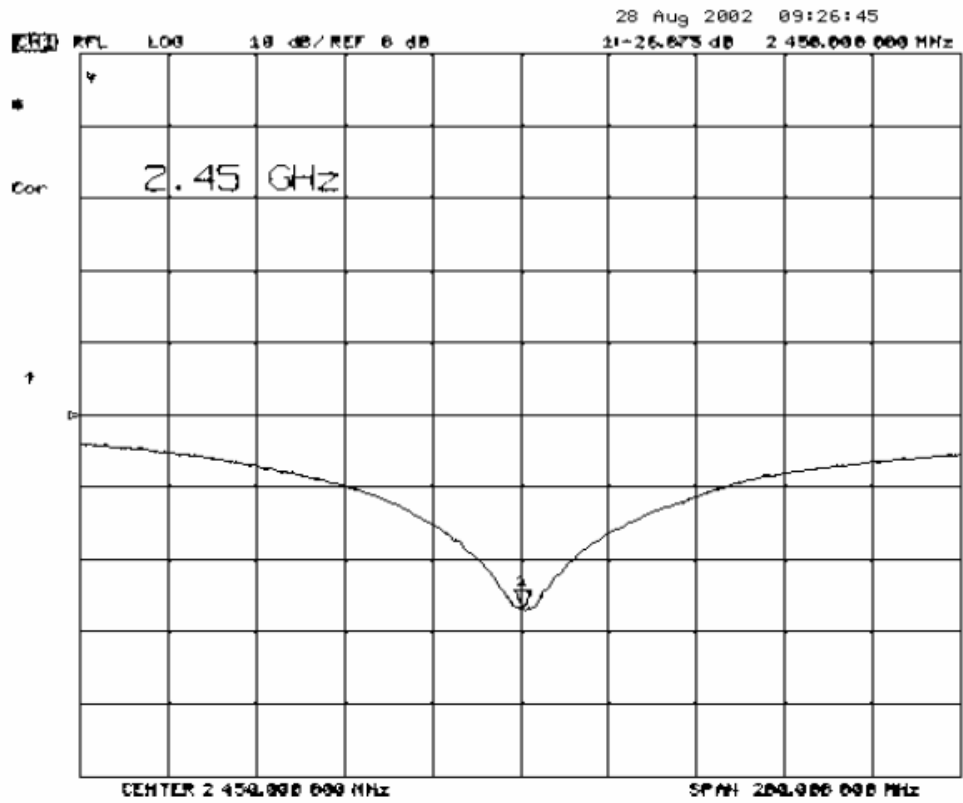
SUMMARY:

This Omni antenna is designed to increase signal range and strength in a sphere shape. The package includes a high quality mounting kit which includes brackets, nuts, bolts and washers. It can be used to cover 360 degree pops.

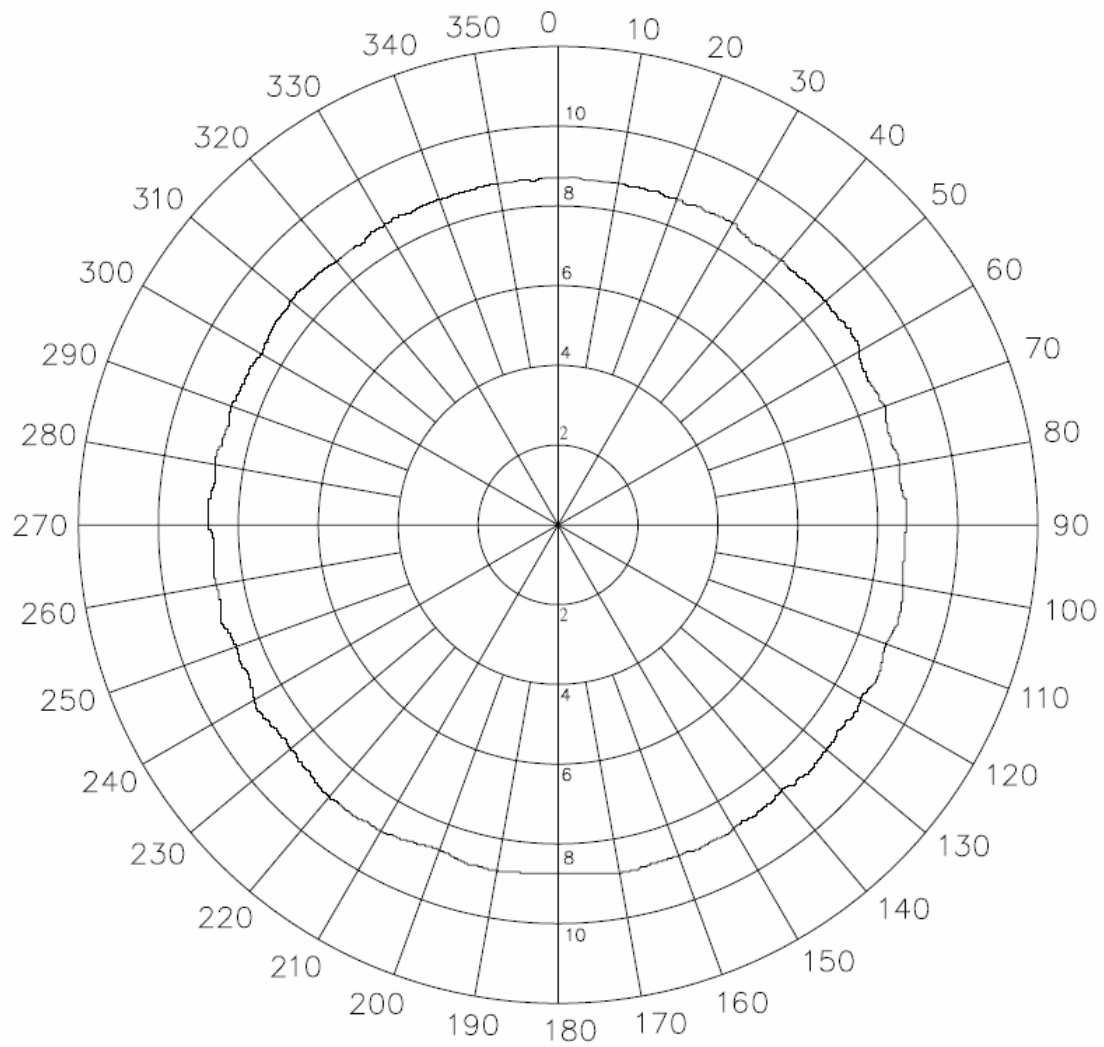
- Designed for wireless LAN communications
- Mounts easily for indoor or outside applications
- Suited for IEEE 802.11b/g wireless LANs
- Made with high quality fiberglass material

TECHNICAL INFORMATION:

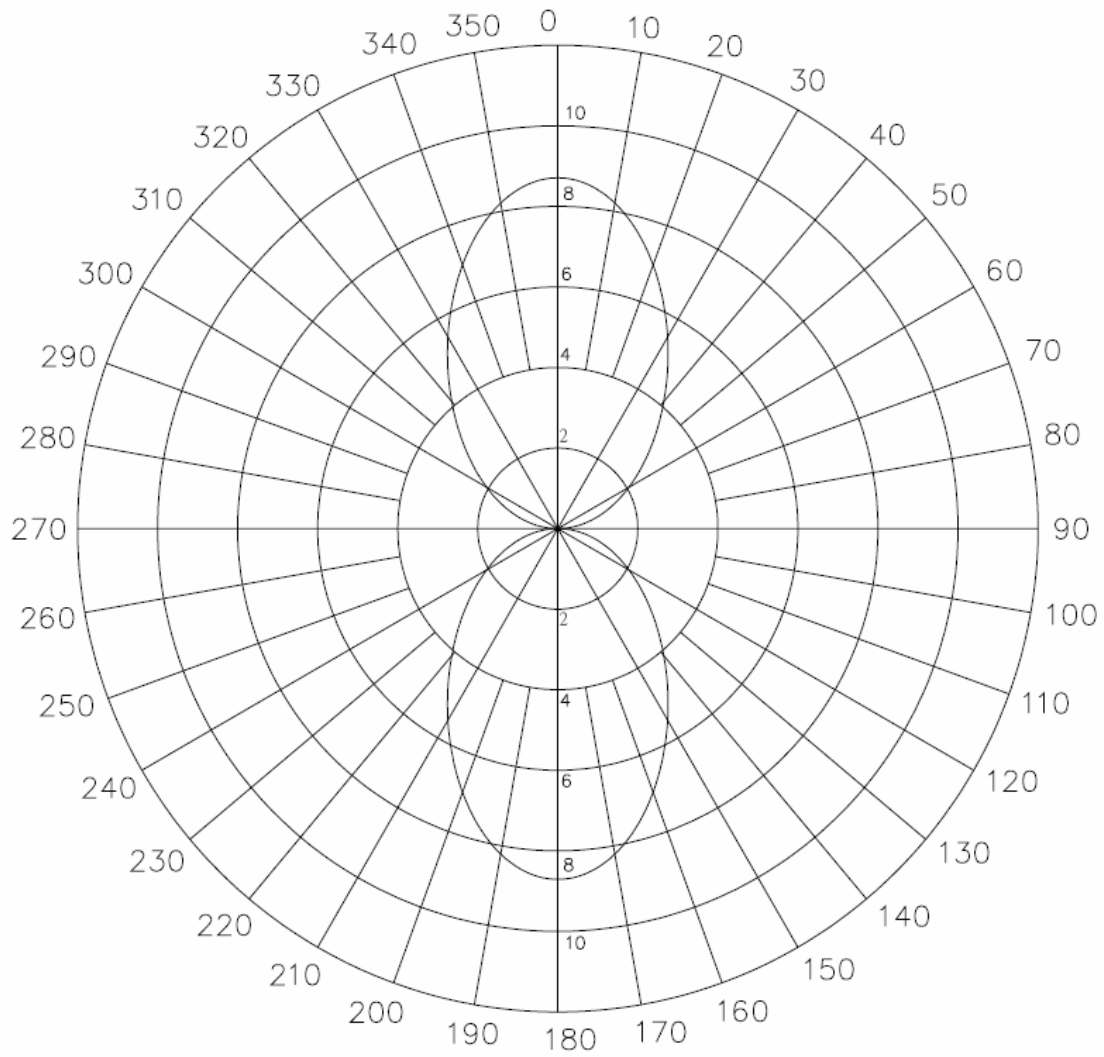
- Frequency: 2400-2500 MHz
- Gain: 8 dBi
- Polarization: Vertical
- Vertical beamwidth: 15 degrees
- SWR $\leq 1.5 : 1$
- Impedance: 50 Ohm
- Length: 390 mm
- Weight: 370 g
- Standard Connector: N Female
- Special Order Connector: RP-N Female



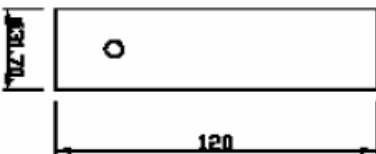
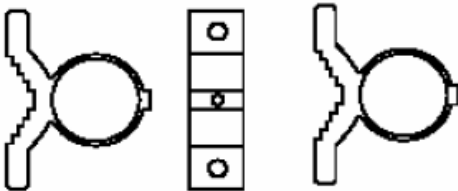
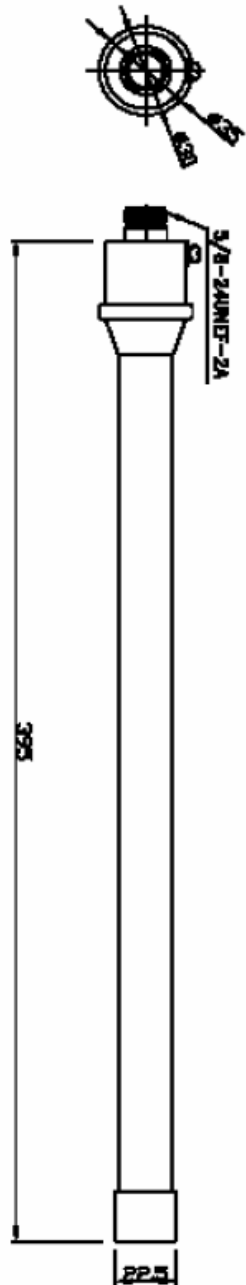
H PLANE FIELD PATTERN



E PLANE FIELD PATTERN



REV	DESCRIPTION	DRAWN	DATE



Key Specifications/Special Features:

- Omni-directional antenna designed for wireless LAN communication
- Supports IEEE's 802.11b standard for wireless Ethernet networking
- Mounts easily for indoor or outside applications

8	Gain (dBi)	8	Weight	370g
7	Type	Omni	Mount	N/A
6	Polarisation	Vertical		
5	Dimensions (mm)	240x110x100		
4	SWR	≤1.0:1		
3	Frequency	2400~2480MHz		
2	Connector	N-Female		
1	Size	800mm		

1. UNLESS OTHERWISE SPECIFIED
2. ALL DIMENSIONS ARE IN MILLIMETERS
3. DIMENSIONS COULD VARY
4. DIMENSIONS ON COMMON
5. DIMENSIONS ON COMMON
6. DIMENSIONS ARE
7. AFTER PLATING

UNLESS OTHERWISE SPECIFIED	UNLESS OTHERWISE NOTED	APPROVED
1. DIMENSIONS COULD VARY	0.1-0.25mm	CHECKED
2. DIMENSIONS COULD VARY	0.25-0.5mm	DRAWN
3. DIMENSIONS COULD VARY	0.5-1.0mm	VP-Cert
4. DIMENSIONS COULD VARY	1.0-1.5mm	
5. DIMENSIONS COULD VARY	1.5-2.0mm	
6. DIMENSIONS COULD VARY	2.0-2.5mm	
7. DIMENSIONS COULD VARY	2.5-3.0mm	
8. DIMENSIONS COULD VARY	3.0-3.5mm	
9. DIMENSIONS COULD VARY	3.5-4.0mm	
10. DIMENSIONS COULD VARY	4.0-4.5mm	
11. DIMENSIONS COULD VARY	4.5-5.0mm	
12. DIMENSIONS COULD VARY	5.0-5.5mm	
13. DIMENSIONS COULD VARY	5.5-6.0mm	
14. DIMENSIONS COULD VARY	6.0-6.5mm	
15. DIMENSIONS COULD VARY	6.5-7.0mm	
16. DIMENSIONS COULD VARY	7.0-7.5mm	
17. DIMENSIONS COULD VARY	7.5-8.0mm	
18. DIMENSIONS COULD VARY	8.0-8.5mm	
19. DIMENSIONS COULD VARY	8.5-9.0mm	
20. DIMENSIONS COULD VARY	9.0-9.5mm	
21. DIMENSIONS COULD VARY	9.5-10.0mm	
22. DIMENSIONS COULD VARY	10.0-10.5mm	
23. DIMENSIONS COULD VARY	10.5-11.0mm	
24. DIMENSIONS COULD VARY	11.0-11.5mm	
25. DIMENSIONS COULD VARY	11.5-12.0mm	
26. DIMENSIONS COULD VARY	12.0-12.5mm	
27. DIMENSIONS COULD VARY	12.5-13.0mm	
28. DIMENSIONS COULD VARY	13.0-13.5mm	
29. DIMENSIONS COULD VARY	13.5-14.0mm	
30. DIMENSIONS COULD VARY	14.0-14.5mm	
31. DIMENSIONS COULD VARY	14.5-15.0mm	
32. DIMENSIONS COULD VARY	15.0-15.5mm	
33. DIMENSIONS COULD VARY	15.5-16.0mm	
34. DIMENSIONS COULD VARY	16.0-16.5mm	
35. DIMENSIONS COULD VARY	16.5-17.0mm	
36. DIMENSIONS COULD VARY	17.0-17.5mm	
37. DIMENSIONS COULD VARY	17.5-18.0mm	
38. DIMENSIONS COULD VARY	18.0-18.5mm	
39. DIMENSIONS COULD VARY	18.5-19.0mm	
40. DIMENSIONS COULD VARY	19.0-19.5mm	
41. DIMENSIONS COULD VARY	19.5-20.0mm	
42. DIMENSIONS COULD VARY	20.0-20.5mm	
43. DIMENSIONS COULD VARY	20.5-21.0mm	
44. DIMENSIONS COULD VARY	21.0-21.5mm	
45. DIMENSIONS COULD VARY	21.5-22.0mm	
46. DIMENSIONS COULD VARY	22.0-22.5mm	
47. DIMENSIONS COULD VARY	22.5-23.0mm	
48. DIMENSIONS COULD VARY	23.0-23.5mm	
49. DIMENSIONS COULD VARY	23.5-24.0mm	
50. DIMENSIONS COULD VARY	24.0-24.5mm	
51. DIMENSIONS COULD VARY	24.5-25.0mm	
52. DIMENSIONS COULD VARY	25.0-25.5mm	
53. DIMENSIONS COULD VARY	25.5-26.0mm	
54. DIMENSIONS COULD VARY	26.0-26.5mm	
55. DIMENSIONS COULD VARY	26.5-27.0mm	
56. DIMENSIONS COULD VARY	27.0-27.5mm	
57. DIMENSIONS COULD VARY	27.5-28.0mm	
58. DIMENSIONS COULD VARY	28.0-28.5mm	
59. DIMENSIONS COULD VARY	28.5-29.0mm	
60. DIMENSIONS COULD VARY	29.0-29.5mm	
61. DIMENSIONS COULD VARY	29.5-30.0mm	
62. DIMENSIONS COULD VARY	30.0-30.5mm	
63. DIMENSIONS COULD VARY	30.5-31.0mm	
64. DIMENSIONS COULD VARY	31.0-31.5mm	
65. DIMENSIONS COULD VARY	31.5-32.0mm	
66. DIMENSIONS COULD VARY	32.0-32.5mm	
67. DIMENSIONS COULD VARY	32.5-33.0mm	
68. DIMENSIONS COULD VARY	33.0-33.5mm	
69. DIMENSIONS COULD VARY	33.5-34.0mm	
70. DIMENSIONS COULD VARY	34.0-34.5mm	
71. DIMENSIONS COULD VARY	34.5-35.0mm	
72. DIMENSIONS COULD VARY	35.0-35.5mm	
73. DIMENSIONS COULD VARY	35.5-36.0mm	
74. DIMENSIONS COULD VARY	36.0-36.5mm	
75. DIMENSIONS COULD VARY	36.5-37.0mm	
76. DIMENSIONS COULD VARY	37.0-37.5mm	
77. DIMENSIONS COULD VARY	37.5-38.0mm	
78. DIMENSIONS COULD VARY	38.0-38.5mm	
79. DIMENSIONS COULD VARY	38.5-39.0mm	
80. DIMENSIONS COULD VARY	39.0-39.5mm	
81. DIMENSIONS COULD VARY	39.5-40.0mm	
82. DIMENSIONS COULD VARY	40.0-40.5mm	
83. DIMENSIONS COULD VARY	40.5-41.0mm	
84. DIMENSIONS COULD VARY	41.0-41.5mm	
85. DIMENSIONS COULD VARY	41.5-42.0mm	
86. DIMENSIONS COULD VARY	42.0-42.5mm	
87. DIMENSIONS COULD VARY	42.5-43.0mm	
88. DIMENSIONS COULD VARY	43.0-43.5mm	
89. DIMENSIONS COULD VARY	43.5-44.0mm	
90. DIMENSIONS COULD VARY	44.0-44.5mm	
91. DIMENSIONS COULD VARY	44.5-45.0mm	
92. DIMENSIONS COULD VARY	45.0-45.5mm	
93. DIMENSIONS COULD VARY	45.5-46.0mm	
94. DIMENSIONS COULD VARY	46.0-46.5mm	
95. DIMENSIONS COULD VARY	46.5-47.0mm	
96. DIMENSIONS COULD VARY	47.0-47.5mm	
97. DIMENSIONS COULD VARY	47.5-48.0mm	
98. DIMENSIONS COULD VARY	48.0-48.5mm	
99. DIMENSIONS COULD VARY	48.5-49.0mm	
100. DIMENSIONS COULD VARY	49.0-49.5mm	

NetGate
Omni 8 dBi Antenna
ANT-8-OMNI-NF