



## ANTENNA SPECIFICATION

**ANT-8-OMNI-NF**

**ANT-8-OMNI-RPNF (Special Order)**

### Dipole Antennas for Base Stations with 8dBi Gain

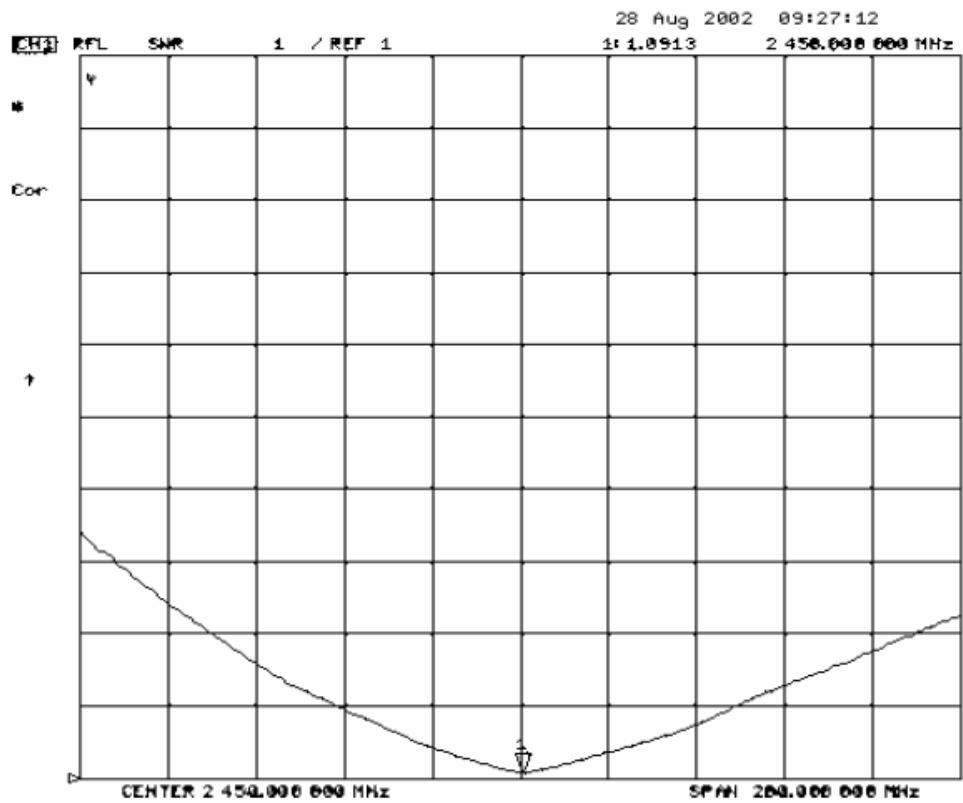
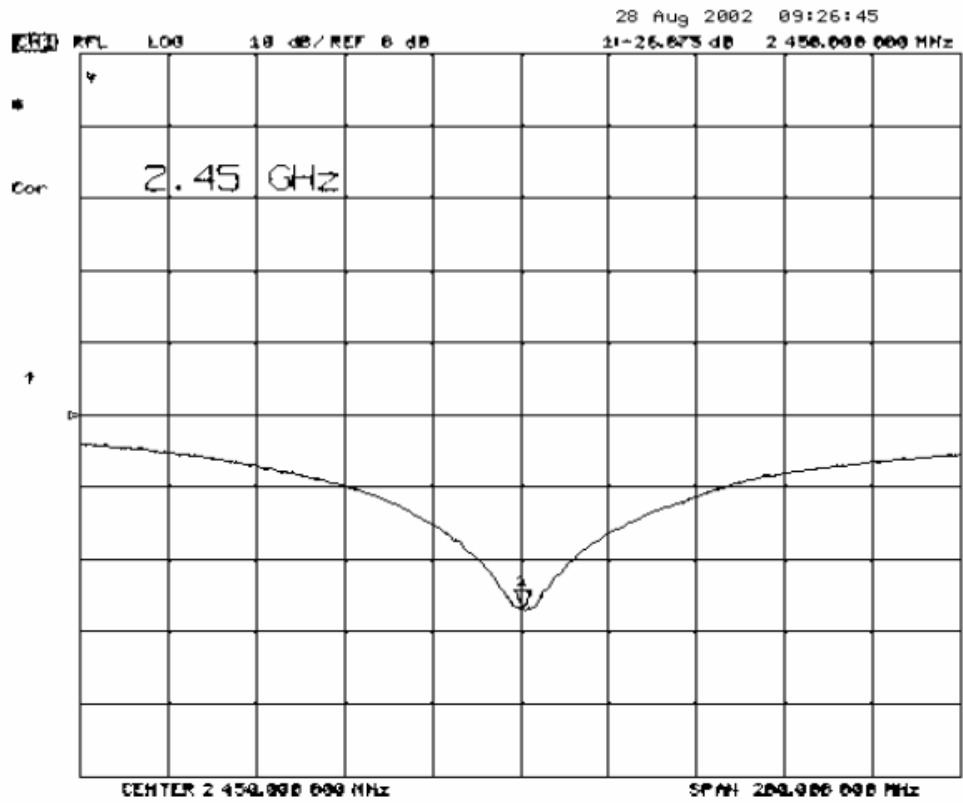
#### SUMMARY:

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.

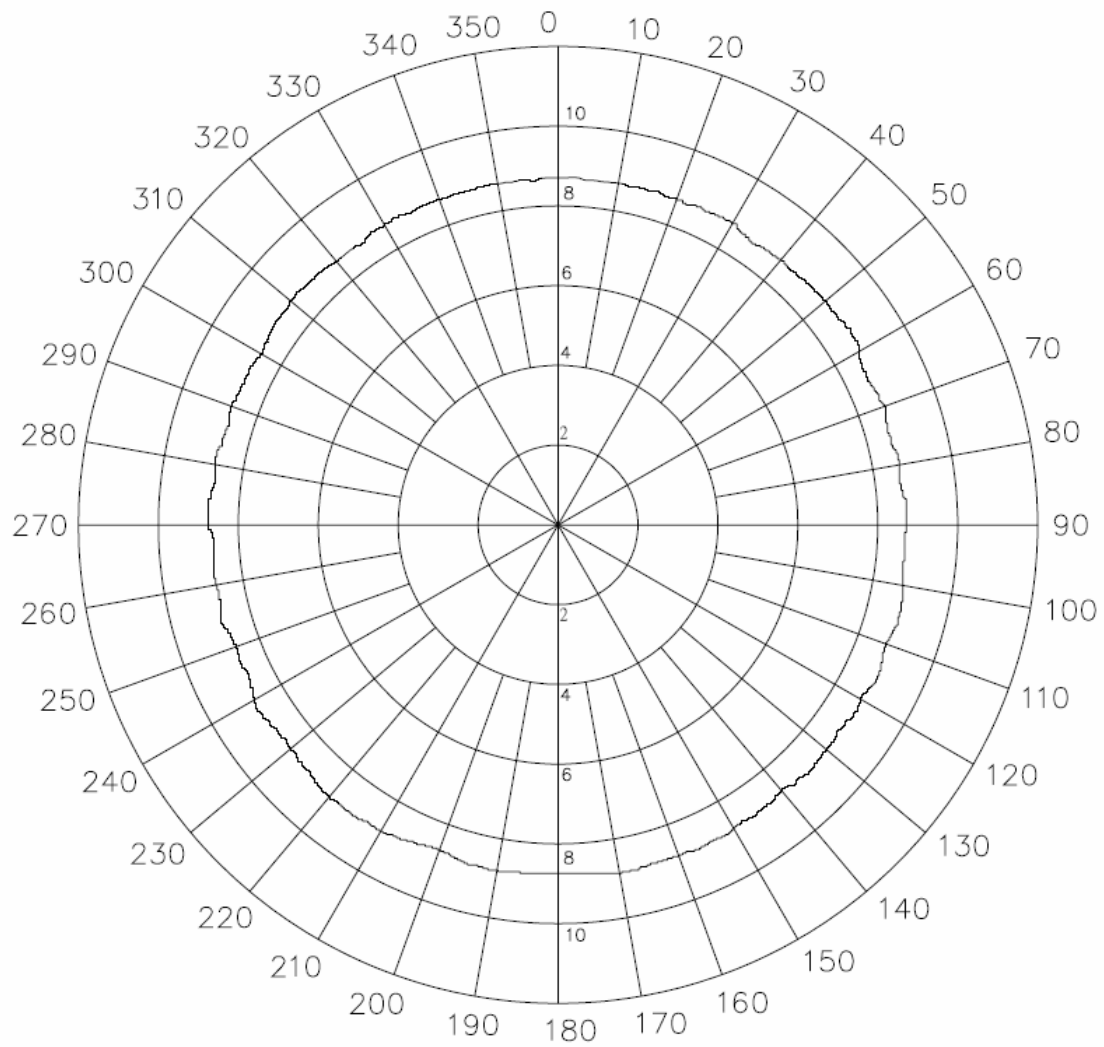
- Designed for wireless LAN communications
- Mounts easily for indoor or outside applications
- Suited for IEEE 802.11b/g wireless LANs
- Made with high quality fiberglass material

#### TECHNICAL INFORMATION:

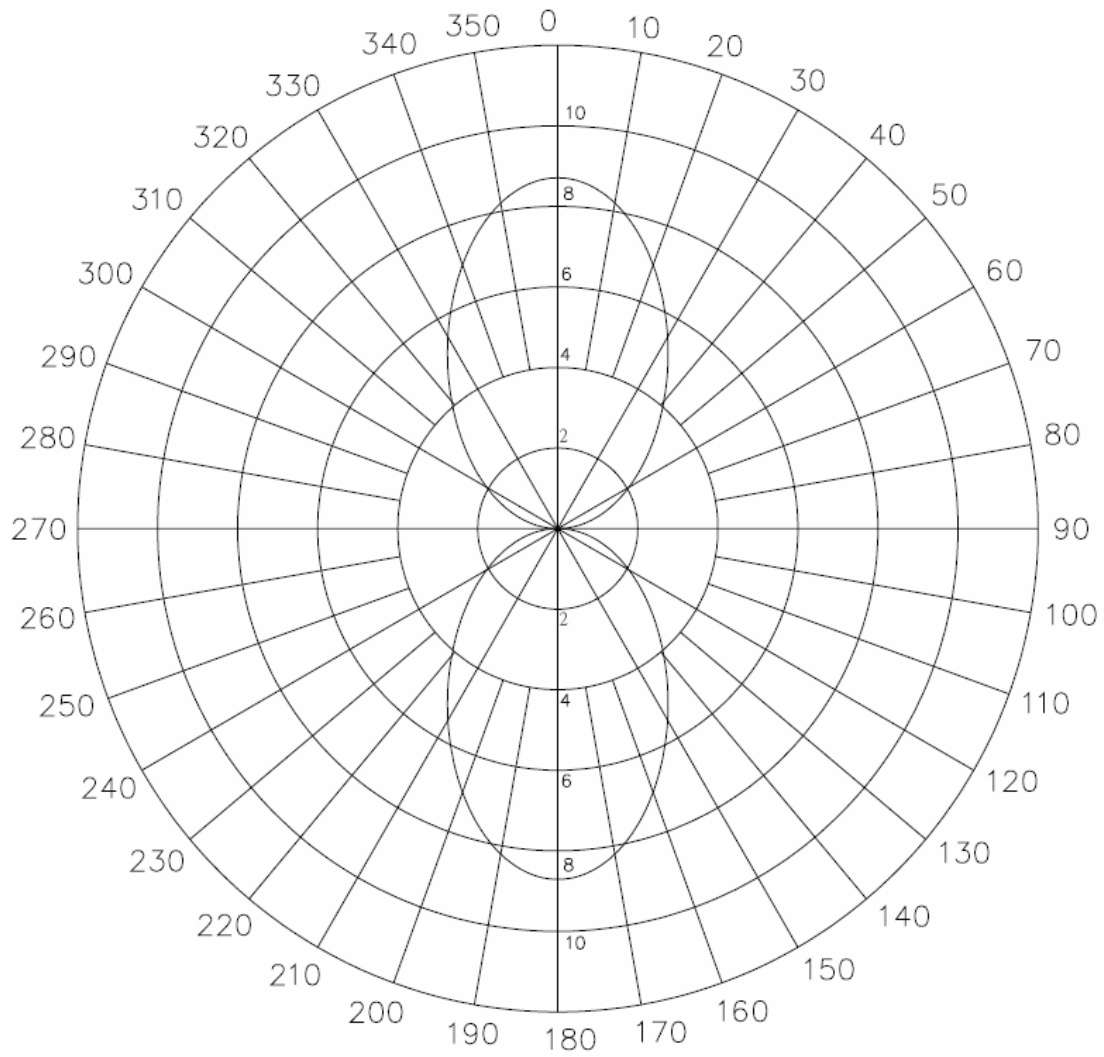
- Frequency: 2400-2500 MHz
- Gain: 8 dBi
- Polarization: Vertical
- Vertical beamwidth: 15 degrees
- SWR  $\leq 1.5 : 1$
- Impedance: 50 Ohm
- Length: 390 mm
- Weight: 370 g
- Standard Connector: N Female
- Special Order Connector: RP-N Female



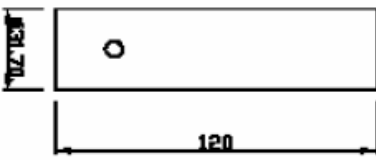
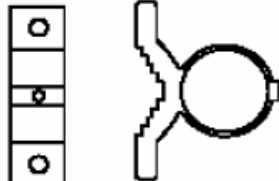
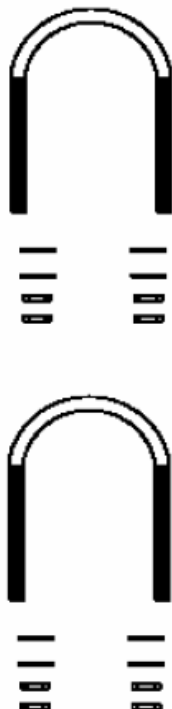
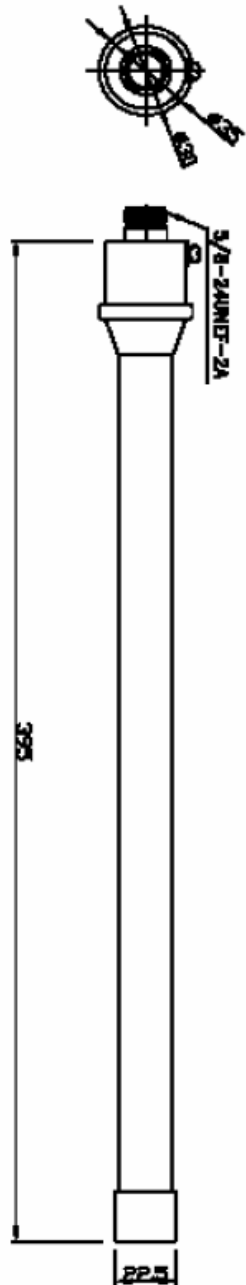
# H PLANE FIELD PATTERN



# 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) | 2400 x 2400 x 100 |        |      |
| 4 | SWR             | ≤1.0:1            |        |      |
| 3 | Frequency       | 2400~2483MHz      |        |      |
| 2 | Connector       | N-Female          |        |      |
| 1 | Size            | 390mm             |        |      |

|                                   |                                    |
|-----------------------------------|------------------------------------|
| 1. UNLESS OTHERWISE SPECIFIED     | 2. UNLESS OTHERWISE SPECIFIED      |
| 3. DIMENSIONS ARE IN MILLIMETERS  | 4. DIMENSIONS ARE IN MILLIMETERS   |
| 5. DIMENSIONS ARE IN MILLIMETERS  | 6. DIMENSIONS ARE IN MILLIMETERS   |
| 7. DIMENSIONS ARE IN MILLIMETERS  | 8. DIMENSIONS ARE IN MILLIMETERS   |
| 9. DIMENSIONS ARE IN MILLIMETERS  | 10. DIMENSIONS ARE IN MILLIMETERS  |
| 11. DIMENSIONS ARE IN MILLIMETERS | 12. DIMENSIONS ARE IN MILLIMETERS  |
| 13. DIMENSIONS ARE IN MILLIMETERS | 14. DIMENSIONS ARE IN MILLIMETERS  |
| 15. DIMENSIONS ARE IN MILLIMETERS | 16. DIMENSIONS ARE IN MILLIMETERS  |
| 17. DIMENSIONS ARE IN MILLIMETERS | 18. DIMENSIONS ARE IN MILLIMETERS  |
| 19. DIMENSIONS ARE IN MILLIMETERS | 20. DIMENSIONS ARE IN MILLIMETERS  |
| 21. DIMENSIONS ARE IN MILLIMETERS | 22. DIMENSIONS ARE IN MILLIMETERS  |
| 23. DIMENSIONS ARE IN MILLIMETERS | 24. DIMENSIONS ARE IN MILLIMETERS  |
| 25. DIMENSIONS ARE IN MILLIMETERS | 26. DIMENSIONS ARE IN MILLIMETERS  |
| 27. DIMENSIONS ARE IN MILLIMETERS | 28. DIMENSIONS ARE IN MILLIMETERS  |
| 29. DIMENSIONS ARE IN MILLIMETERS | 30. DIMENSIONS ARE IN MILLIMETERS  |
| 31. DIMENSIONS ARE IN MILLIMETERS | 32. DIMENSIONS ARE IN MILLIMETERS  |
| 33. DIMENSIONS ARE IN MILLIMETERS | 34. DIMENSIONS ARE IN MILLIMETERS  |
| 35. DIMENSIONS ARE IN MILLIMETERS | 36. DIMENSIONS ARE IN MILLIMETERS  |
| 37. DIMENSIONS ARE IN MILLIMETERS | 38. DIMENSIONS ARE IN MILLIMETERS  |
| 39. DIMENSIONS ARE IN MILLIMETERS | 40. DIMENSIONS ARE IN MILLIMETERS  |
| 41. DIMENSIONS ARE IN MILLIMETERS | 42. DIMENSIONS ARE IN MILLIMETERS  |
| 43. DIMENSIONS ARE IN MILLIMETERS | 44. DIMENSIONS ARE IN MILLIMETERS  |
| 45. DIMENSIONS ARE IN MILLIMETERS | 46. DIMENSIONS ARE IN MILLIMETERS  |
| 47. DIMENSIONS ARE IN MILLIMETERS | 48. DIMENSIONS ARE IN MILLIMETERS  |
| 49. DIMENSIONS ARE IN MILLIMETERS | 50. DIMENSIONS ARE IN MILLIMETERS  |
| 51. DIMENSIONS ARE IN MILLIMETERS | 52. DIMENSIONS ARE IN MILLIMETERS  |
| 53. DIMENSIONS ARE IN MILLIMETERS | 54. DIMENSIONS ARE IN MILLIMETERS  |
| 55. DIMENSIONS ARE IN MILLIMETERS | 56. DIMENSIONS ARE IN MILLIMETERS  |
| 57. DIMENSIONS ARE IN MILLIMETERS | 58. DIMENSIONS ARE IN MILLIMETERS  |
| 59. DIMENSIONS ARE IN MILLIMETERS | 60. DIMENSIONS ARE IN MILLIMETERS  |
| 61. DIMENSIONS ARE IN MILLIMETERS | 62. DIMENSIONS ARE IN MILLIMETERS  |
| 63. DIMENSIONS ARE IN MILLIMETERS | 64. DIMENSIONS ARE IN MILLIMETERS  |
| 65. DIMENSIONS ARE IN MILLIMETERS | 66. DIMENSIONS ARE IN MILLIMETERS  |
| 67. DIMENSIONS ARE IN MILLIMETERS | 68. DIMENSIONS ARE IN MILLIMETERS  |
| 69. DIMENSIONS ARE IN MILLIMETERS | 70. DIMENSIONS ARE IN MILLIMETERS  |
| 71. DIMENSIONS ARE IN MILLIMETERS | 72. DIMENSIONS ARE IN MILLIMETERS  |
| 73. DIMENSIONS ARE IN MILLIMETERS | 74. DIMENSIONS ARE IN MILLIMETERS  |
| 75. DIMENSIONS ARE IN MILLIMETERS | 76. DIMENSIONS ARE IN MILLIMETERS  |
| 77. DIMENSIONS ARE IN MILLIMETERS | 78. DIMENSIONS ARE IN MILLIMETERS  |
| 79. DIMENSIONS ARE IN MILLIMETERS | 80. DIMENSIONS ARE IN MILLIMETERS  |
| 81. DIMENSIONS ARE IN MILLIMETERS | 82. DIMENSIONS ARE IN MILLIMETERS  |
| 83. DIMENSIONS ARE IN MILLIMETERS | 84. DIMENSIONS ARE IN MILLIMETERS  |
| 85. DIMENSIONS ARE IN MILLIMETERS | 86. DIMENSIONS ARE IN MILLIMETERS  |
| 87. DIMENSIONS ARE IN MILLIMETERS | 88. DIMENSIONS ARE IN MILLIMETERS  |
| 89. DIMENSIONS ARE IN MILLIMETERS | 90. DIMENSIONS ARE IN MILLIMETERS  |
| 91. DIMENSIONS ARE IN MILLIMETERS | 92. DIMENSIONS ARE IN MILLIMETERS  |
| 93. DIMENSIONS ARE IN MILLIMETERS | 94. DIMENSIONS ARE IN MILLIMETERS  |
| 95. DIMENSIONS ARE IN MILLIMETERS | 96. DIMENSIONS ARE IN MILLIMETERS  |
| 97. DIMENSIONS ARE IN MILLIMETERS | 98. DIMENSIONS ARE IN MILLIMETERS  |
| 99. DIMENSIONS ARE IN MILLIMETERS | 100. DIMENSIONS ARE IN MILLIMETERS |

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