

# REA—ISM Band 5dBi Omni-Directional Antenna



Our Range Extender Antenna for extending the wireless range of 802.11 b/g wireless products. This Range Extender Antenna can be located on table-set and magnetic mounted. Suitable idea for office partition easy attached without extra mounting accessories. The dipole design allow for a uniform coverage area.

## Application

- Compliant 802.11 b/g PCI cards

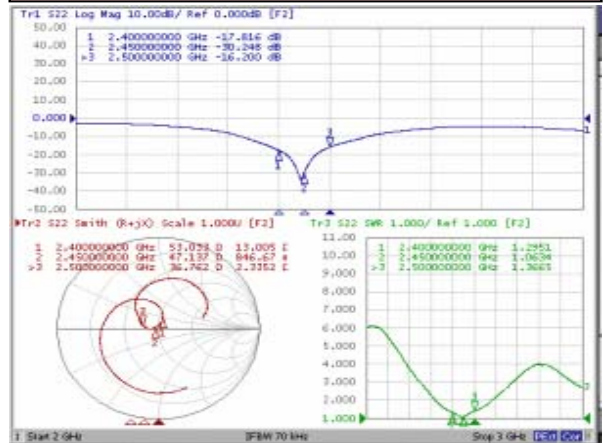
## Feature

- Cost effective
- Magnetic mounting installation
- Antenna can swivel 0°,45°,90°

## Specification

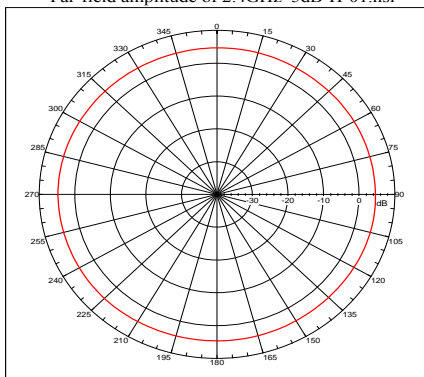
|                           |                  |
|---------------------------|------------------|
| Frequency Range           | 2.4~2.5GHz       |
| Impedance                 | 50 Ω             |
| VSWR                      | 1.92 Max.        |
| Return Loss               | -10dB Max.       |
| Electrical Wave           | 1/2λDipole       |
| Gain (exclude cable loss) | 5dBi@ 2.45GHz    |
| Polarization              | Linear Vertical  |
| Radiation Pattern         | Omni-directional |
| Max. Power                | 1W               |
| Operating Temp            | -30°C~+80°C      |
| Cable                     | 1M Filotex Cable |
| Connector                 | SMA,MMCX,MCX     |

## Performance Test Data



## Radiation Pattern

Far-field amplitude of 2.4GHz 5dB-H-01.nsi



Far-field amplitude of 2.4GHz 5dBi-E-01.nsi

