

## WCR

### External Antenna – Snap-in/Captive

Model Number:  
**WCR2400-IP**  
**WCR2400-FL**

### Specifications:

- ½ wave coaxial dipole
- Flexible element

|                          |                                              |
|--------------------------|----------------------------------------------|
| <b>Frequency</b>         | 2.4 - 2.5 GHz                                |
| <b>Polarization</b>      | Vertical                                     |
| <b>Gain</b>              | 2.0 dBi                                      |
| <b>Nominal Impedance</b> | 50 ohms                                      |
| <b>VSWR</b>              | 1.5:1 max at resonance                       |
| <b>RF Power Handling</b> | 50 watts                                     |
| <b>Length</b>            | 7.6 cm (90° Bent) or 10.8 cm (180° Straight) |
| <b>Temperature Range</b> | -40° to +80°C                                |
| <b>Drop Test</b>         | 1M                                           |

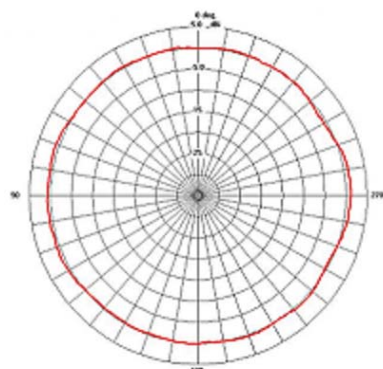
### Cables & Connectors:

| Model #      | Part #   | Cable         | Connector   |
|--------------|----------|---------------|-------------|
| WCR2400-FL04 | MAF94015 | 100 mm RG-178 | Flying Lead |
| WCR2400-IP04 | MAF94017 | 100 mm RG-178 | IPEX U.FL   |

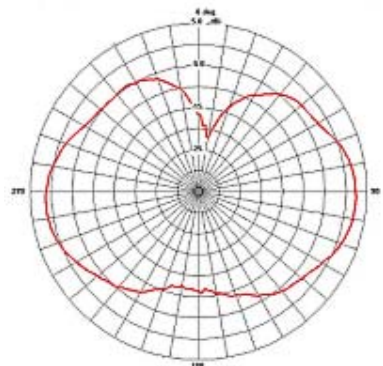
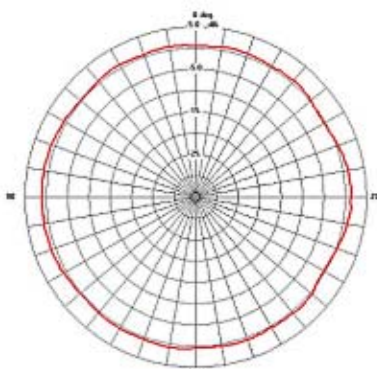


### Antenna Bent @ 90°

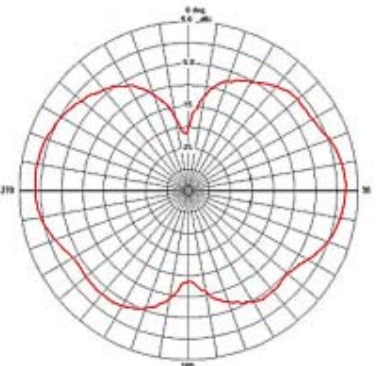
### Antenna Straight @ 180°



**Azimuth**  
2.45 GHz



**Elevation**  
**phi=0**  
2.45 GHz



Specifications subject to change without notice.

WCR Snap-in a – 5/20/04