

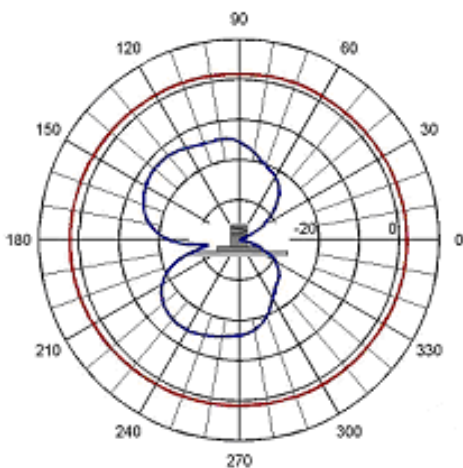
## 2.4 GHz Cable Microsphere Omnidirectional Telematics Antenna

Part Number (P/N):  
**CAF94320**

### Specifications:

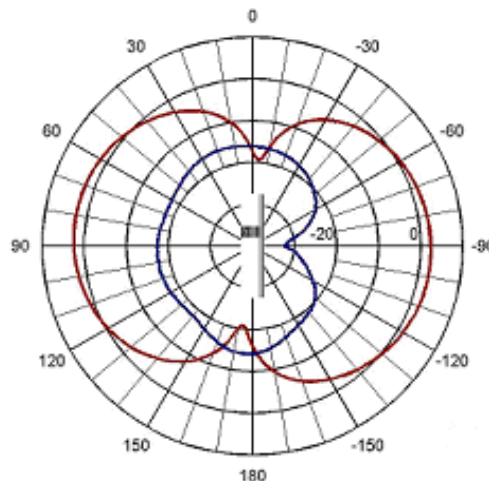
- Surprisingly small size allows it to be hidden almost anywhere, providing an invisible solution for many vehicular applications.
- Omnidirectional pattern
- The field pattern is toroidal, providing omnidirectional coverage in any plane around the long axis of the antenna, and two lobes in any plane parallel to the long axis.

|                                |                       |
|--------------------------------|-----------------------|
| <b>Element Type</b>            | Microstrip            |
| <b>Frequency Range (ISM)</b>   | 2.4 – 2.5 GHz         |
| <b>Peak Gain</b>               | 3 dBi                 |
| <b>Polarization</b>            | Linear                |
| <b>Impedance</b>               | 50 ohms               |
| <b>Maximum Input Power</b>     | 50 watts              |
| <b>VSWR (Min. Performance)</b> | 1.5:1                 |
| <b>Dimensions (L x W)</b>      | 4.1 x 2.9 cm          |
| <b>Coating Material</b>        | Acrylic               |
| <b>Operating Temperature</b>   | -40° to +70°C         |
| <b>Storage Temperature</b>     | -40° to +70°C         |
| <b>Connector</b>               | SMA - Male            |
| <b>Cable</b>                   | 39" Black RG-174 coax |



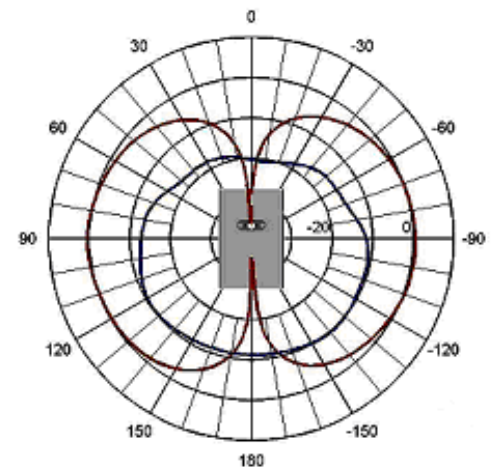
**Azimuth Plane**

Cut perpendicular to the antenna, parallel to the connector/cable exit



**Elevation Plane**

Cut perpendicular to the antenna, perpendicular to the connector/cable exit



**Elevation Plane**

Cut in the plane of the antenna, parallel to the connector/cable exit

Specifications subject to change without notice.

2.4 GHz Mobile Micros – 8/5/03