

## 1800 MHz MicroSphere

Model Number:

**IF1800**

### Omnidirectional In-Building Antenna

#### Specifications:

<b>Element Type</b>	Microstrip
<b>Frequency Range</b>	1710-1880 MHz
<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 x T)</b>	5.6 x 3.5 x 0.25 cm
<b>Coating</b>	Acrylic
<b>Operating/Storage Temperature</b>	-40° to +70°C



#### Mounting:

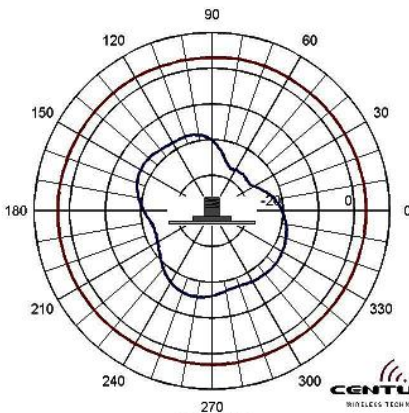
- Includes nylon screws for mounting to ceiling tile or finished ceiling

#### Cables & Connectors:

Model Number	Reference Number	Connector
IF1800-SF00	CAF95954	SMA Female Panel

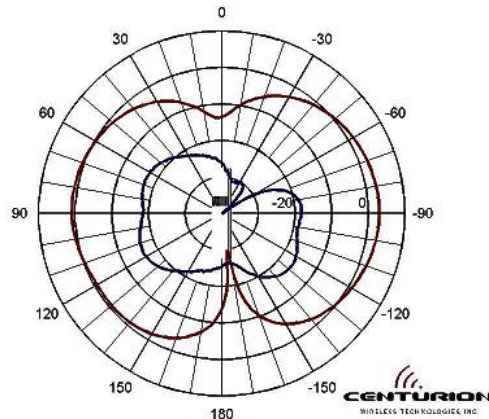


Pattern data files for SitePlanner are available at [www.centurion.com](http://www.centurion.com) or [www.wirelessvalley.com](http://www.wirelessvalley.com).



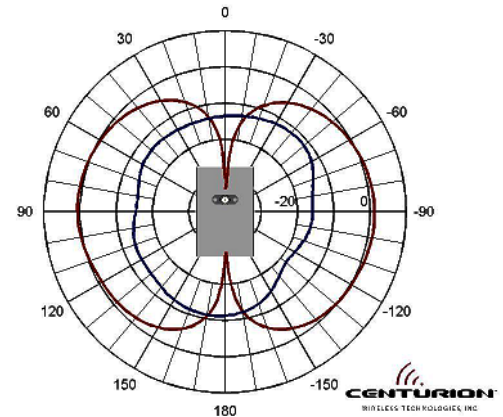
#### Azimuth Plane

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



#### Elevation Plane

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



#### Omni Plane

Cut in the plane of the antenna perpendicular to the connector/cable exit

Specifications subject to change without notice.

IF1800a - 4/28/04