

## Multi-Band MicroSphere

Model Number:  
**IFMULT**

### Omnidirectional In-Building Antenna

#### Specifications:

<b>Element Type</b>	Microstrip
<b>Frequency Range</b>	AMPS 806-896 MHz GSM 880-960 MHz DCS 1710-1880 MHz PCS 1850-1990 MHz UMTS 1920-2170 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>	2:1
<b>Dimensions (L x W x T)</b>	11.2 x 13.8 x .25 cm
<b>Coating</b>	Acrylic
<b>Operating/Storage Temperature</b>	-40° to +70°C



13.8 cm

#### Mounting:

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

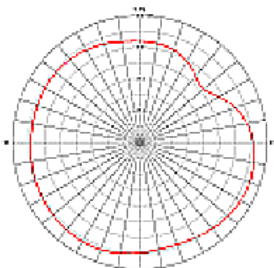
#### Cables & Connectors:

Model Number	Reference Number	Connector
<b>IFMULT-NF00</b>	CAF94454	N-Female
<b>IFMULT-SFRA00</b>	CAF94533	R.A. SMA Female Panel
<b>IFMULT-SF00</b>	CAF94362	SMA Female Panel

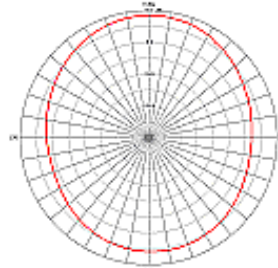


Pattern data files for SitePlanner are available at [www.centurion.com](http://www.centurion.com) or [www.wirelessvalley.com](http://www.wirelessvalley.com).

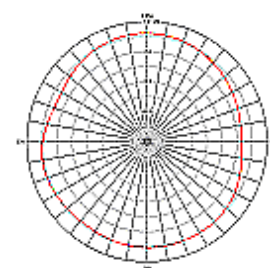
AMPS-GSM



Azimuth

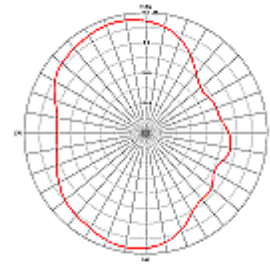
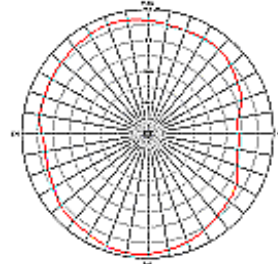
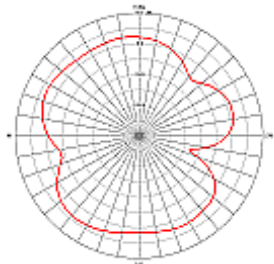


Elevation, Phi=0



Elevation, Phi=90

DCS-PCS  
& UMTS



Specifications subject to change without notice.

IFMULTa - 4/28/04