

## 2.4 GHz Sphere Diversity

Model Number:

**IOD2450**

### Omnidirectional In-Building Antenna

#### Specifications:

<b>Element Type</b>	Air-Loaded Patch
<b>Frequency Range</b>	2.4 - 2.5 GHz
<b>Peak Gain</b>	3 dBi
<b>Polarization<sup>1</sup></b>	Linear
<b>Impedance</b>	50 ohms
<b>Maximum Input Power</b>	50 watts
<b>VSWR (Min. Performance)</b>	2.0:1
<b>Dimensions (L x W x H)</b>	18.3 x 6.9 x 2.5 cm
<b>Housing</b>	ABS or Luran
<b>Operating/Storage Temperature</b>	-40° to +70°C

<sup>1</sup>Contains both vertical and horizontal components, the ratio of which varies with the spatial location.



#### Mounting:

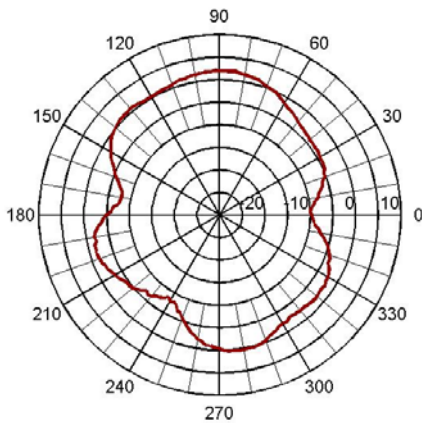
- Includes metal twist-lock bracket for mounting to a ceiling tile grid

#### Cables & Connectors:

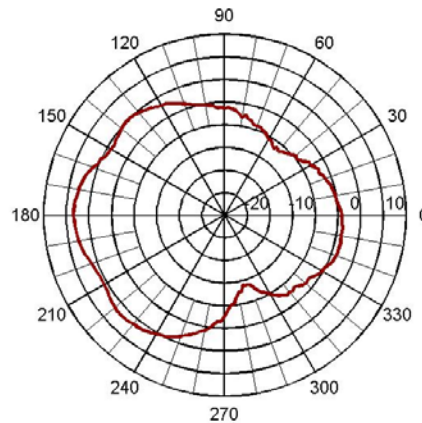
Model #	Reference #	Plenum Rated Coax	Connector
<b>IOD2450-RT36</b>	CAF94136	36" RG-142	RP-TNC x 2
<b>IOD2450-RN12</b>	CAF94137	12" RG-142	RP-N-Female x 2
<b>IOD2450-NF12</b>	CAF94178	12" RG-142	N-Female x 2



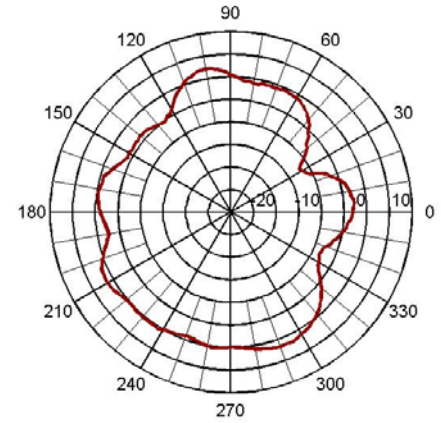
Pattern data files for LANPlanner are available at [www.centurion.com](http://www.centurion.com) or [www.wirelessvalley.com](http://www.wirelessvalley.com).



**Azimuth Plane**



**Elevation Plane**  
phi=0



**Elevation Plane**  
phi=90

Specifications subject to change without notice.

IOD2450a - 5/21/04



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