

450 MHz MicroSphere

Model Number:

IF450

Omnidirectional In-Building Antenna

Specifications:

Element Type	Microstrip
Frequency Range	417-483 MHz (UHF)
Peak Gain	3 dBi
Polarization	Linear
Impedance	50 ohms
Maximum Input Power	10 watts
VSWR	2:1 Typical across the band
Connector	SMA Female Panel
Dimensions (L x W x T)	13 x 14.7 x .25 cm
Coating	Acrylic
Operating/Storage Temperature	-40° to +70°C

14.7 cm



Mounting:

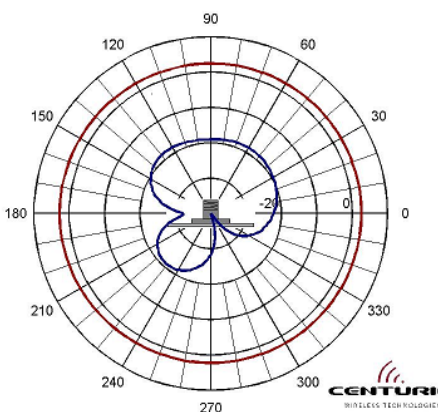
- Includes nylon screws for mounting to ceiling tile or finished ceiling

Cables & Connectors:

Model Number	Reference Number	Connector
IF450-SF00	CAF94350	SMA Female Panel

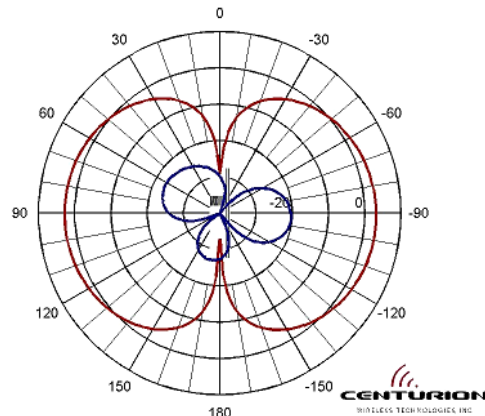


Pattern data files for SitePlanner are available at www.centurion.com or www.wirelessvalley.com.



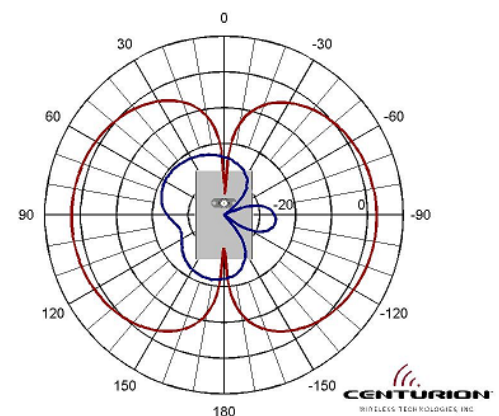
Azimuth Plane

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.

IF450a- 4/28/04



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