

850 MHz MicroSphere

Model Number:

Omnidirectional In-Building Antenna

IF850

Specifications:

Element Type	Microstrip
Frequency Range	806-960 MHz
Peak Gain	3 dBi
Polarization	Linear
Impedance	50 ohms
Maximum Input Power	50 watts
VSWR (Min. Performance)	2:1
Dimensions (L x W x T)	11.4 x 8.6 x 0.25 cm
Coating	Acrylic
Operating/Temperature	-40° to +70°C



Mounting:

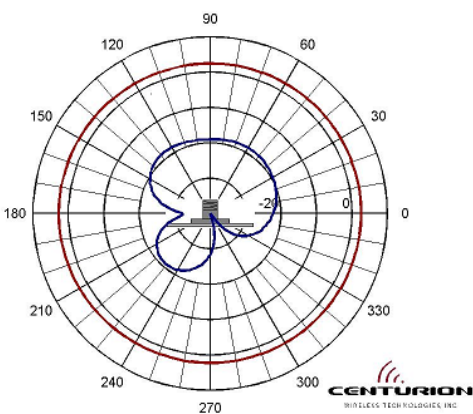
- Includes nylon screws for mounting to ceiling tile or finished ceiling

Cables & Connectors:

Model Number	Reference Number	Connector
IF850-SF00	CAF95952	SMA Female Panel

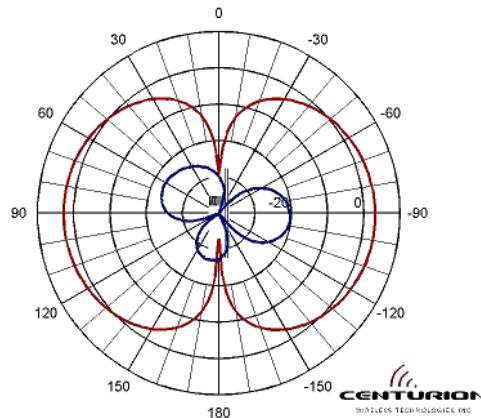


Pattern data files for SitePlanner are available at www.centurion.com or www.wirelessvalley.com.



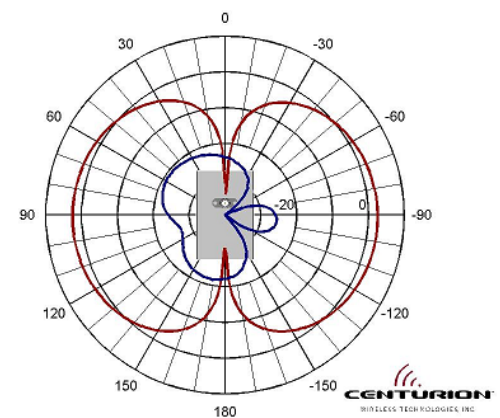
Azimuth Plane

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.

IF850a - 4/28/04



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