

2400 MHz Sphere

Omnidirectional Antenna

Part Number (P/N):

CAF94101 CAF94170
CAF94150 CAF94144

Features:

- Omnidirectional antenna provides a considerable gain improvement over traditional dipole antennas, within a remarkably small case that perfectly blends into any environment.
- It is particularly applicable in environments such as offices and hospitals, where aesthetics are critical to successful wireless deployment and wide angle coverage is necessary.
- For easy installation, the Sphere quickly attaches to a ceiling tile frame with a standard metal clip.

Specifications:

Element Type	Air-Loaded Patch
Frequency Range	2400-2500 MHz
Peak Gain	3 dBi
Polarization¹	Linear
Impedance	50 ohms
Maximum Input Power	50 watts
VSWR (Min. Performance)	1.5:1
Connector	Customer Choice
Dimensions (cm)	6.4 x 6.3 x 1.7 cm
Housing Coating Material	ABS
Operating Temperature	-40° to +70°C
Storage Temperature	-40° to +70°C

Includes a low-loss, RG 142, plenum rated "pigtail" cable.

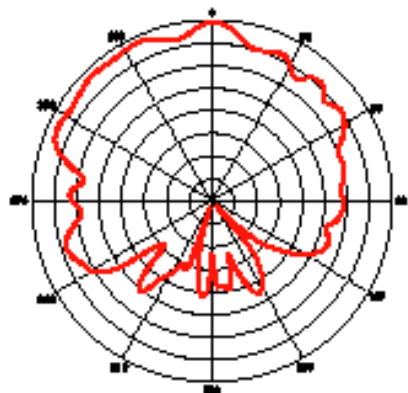
¹Contains both vertical and horizontal components, the ratio of which varies with the spatial location.



Sphere 2400

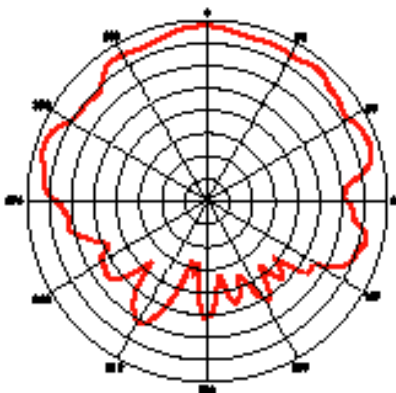
Cables & Connectors:

Part Number	Cable	Connector
CAF94101	12" RG-142 Plenum Rated Coax	SMA-Male
CAF94170	12" RG-142 Plenum Rated Coax	N-Female
CAF94150	36" RG-142 Plenum Rated Coax	RP-TNC
CAF94144	36" RG-142 Plenum Rated Coax	RP-TNC



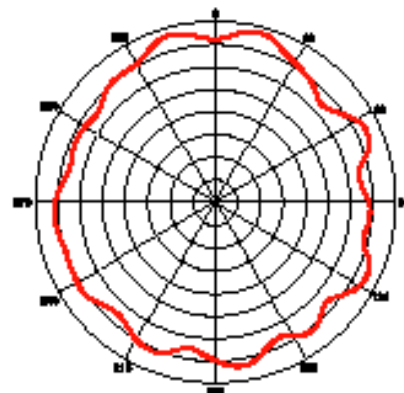
Azimuth Plane

Cut perpendicular to the antenna and perpendicular to the cable



Elevation Plane

Cut perpendicular to the antenna along the cable axis



Omni Plane

Cut in the plane of the antenna parallel to the cable

Specifications subject to change without notice

2400 MHz Sphere – 10/30/02