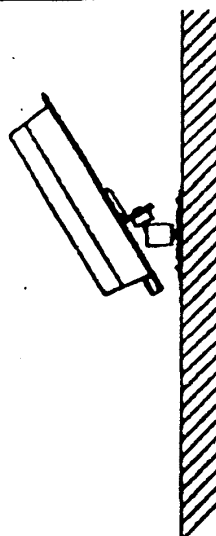
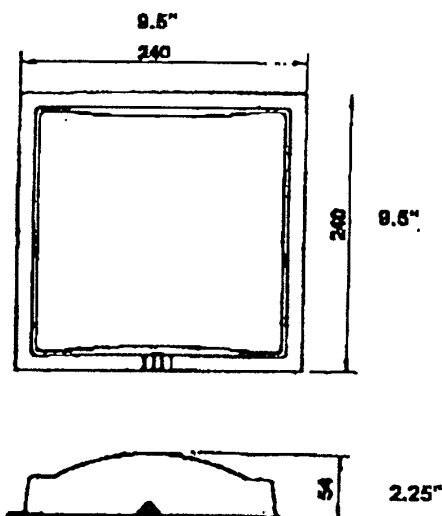




PICO CELL PATCH ANTENNAS

MODELS ASTPCA08 - ASTPCG09



SWIVEL
MOUNT
CONFIGURATION

Features:

- Volume Injection molding to attain low cost
- Indoor or outdoor use
- Weatherproof and corrosion resistant
- Fast and easy Installation, swivel mount included
- Linear or circular polarization models available
- Articulating hardware design for precise positioning

Applications:

- Extend cellular AMPS, GSM & IS-95 CDMA/wireless coverage Indoors
- Extend PBX/wireless PBC within targeted zones

Electrical Specifications:

Model Number	Freq. Range MHz	Gain dBi	3 dB Beamwidth, deg.		F/B/dB	VSWR	Connector
			Azimuth	Elevation			
ASTPCA08	820-900	8.5	70	85	15	1.3:1	N-F
ASTPCG09	880-960	8.5	70	85	15	1.3:1	N-F

Description:

These Pico Cell antennas furnish high performance in an attractive package. They are made to discretely blend into indoor and outdoor environments. Our unique pivot mount swivels are designed to steer the main lobe horizontally for precise positioning. Our circularly polarized models eliminate the need for a spatial diversity antenna and help overcome performance degrading multi-path effects. We can also incorporate customer requests to modify the connector options, tilt positioning, and mounting options.



PICO CELL PATCH ANTENNAS

MODELS ASTPCA08 - ASTPCG09

General Specifications:

- Power Handling: 50 watts/CW
- Polarization: Linear type (circular type, please change the last letter to "C"; ex. #ASTPCG09-07008-AFC)
- Impedance: 50 ohms
- Connectors: Other connector types available on special request
- Mounting: Mast mount kits available; custom mount configurations available for volume users.
- Cable: RG-58/U; 240mm

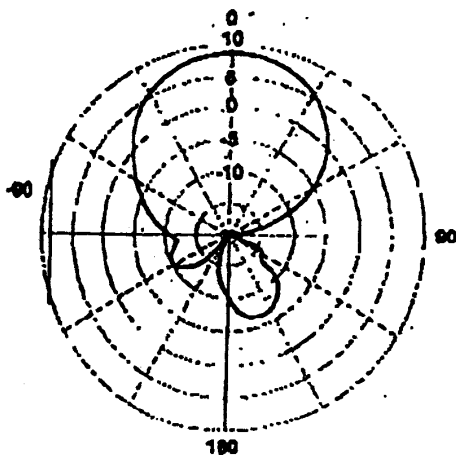
Environmental Characteristics:

- Survival Wind Speed: 185 Km/H
- Temperature: -40 to +85 degrees C
- Humidity: 100% @ 25 degrees C
- Fire Retardant: Yes
- UV Resistant: Yes

Radiation Pattern; ASTPCG09-07008-BFL

920 MHz peak 8.6 @ 0 degrees

E-Plane
-3 dB BW
@ 65.5 degrees



H-Plane
-3 dB BW
@ 73.2 degrees

