



Picocell Antennas



Features

- Light Weight, Slim Profile
- Indoor or Outdoor Use
- Weatherproof and Corrosion Resistant
- Built-in Swivel Mount
- Fast and Easy Installation
- Choice of Polarization and Frequency

Description

M/A-COM's picocell antennas provide high performance in an attractive package that discretely blends into indoor and outdoor environments. Our unique pivot mount swivels horizontally, tilts vertically, and locks to enable precise positioning. Our circularly polarized models eliminate the need for spatial diversity antennas and help overcome performance-degrading multipath effects.



Applications

- Extend Cellular/Wireless Coverage Indoors
- Extend PBX/WPBX Within Targeted Zones
- Provide Voice/Data Transfer
- Deploy in Wireless Local Loop, ISM, and WLAN Applications

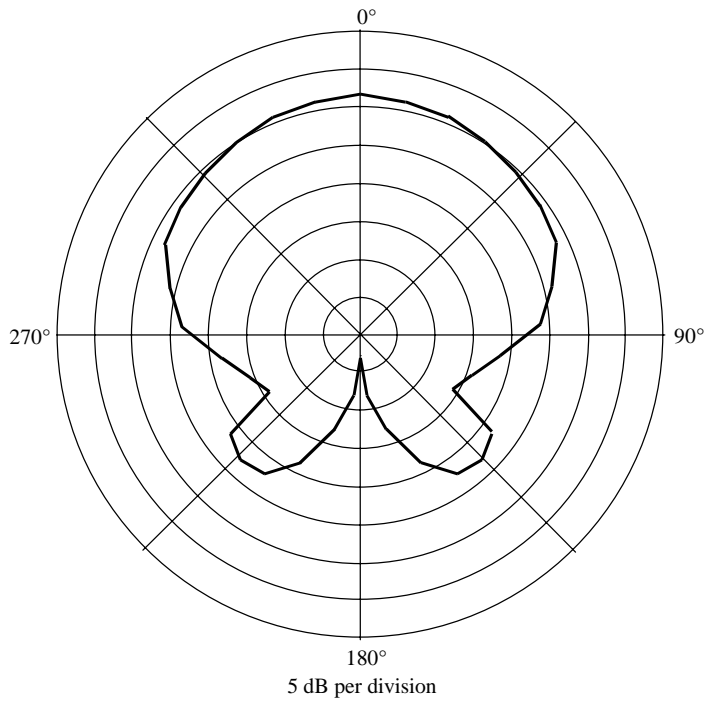
| Part Number | Polarization | Frequency and Band | Approximate Dimensions |
|------------------|--------------|------------------------------|---|
| ANPC-171G-P-0-SF | Vertical | 1710-1880 MHz DCS1800 | 5.5" x 4.5" x 1.5" (14 x 11.5 x 3.8 cm) |
| ANPC-172G-P-0-SF | RHCP | — | — |
| ANPC-173G-P-0-SF | Vertical | 1850-1990 MHz PCS, DECT, PHS | 5.5" x 4.5" x 1.5" (14 x 11.5 x 3.8 cm) |
| ANPC-174G-P-0-SF | RHCP | — | — |
| ANPC-175G-P-0-SF | Vertical | 2400-2500 MHz ISM, WLL | 5.5" x 4.5" x 1.5" (14 x 11.5 x 3.8 cm) |
| ANPC-176G-P-0-SF | RHCP | — | — |

Specifications

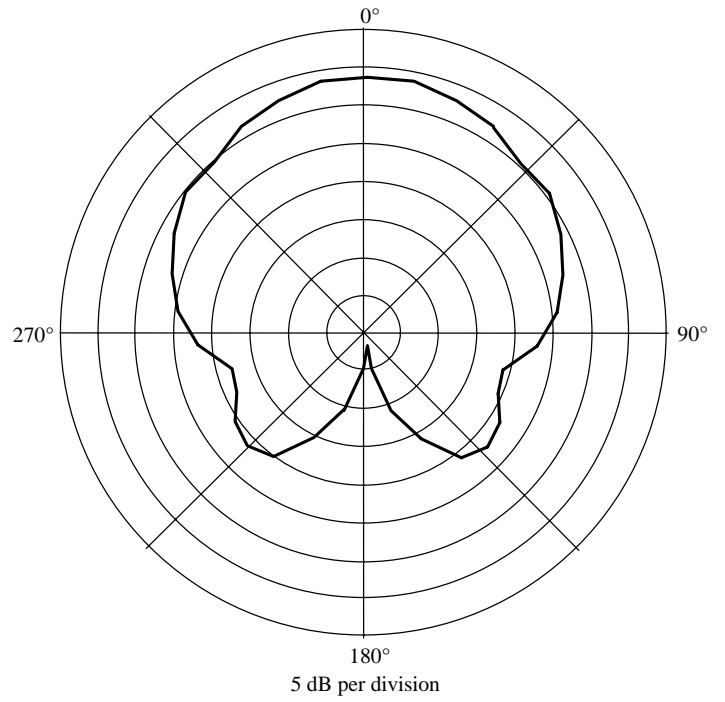
| | |
|----------------------------|---|
| Gain | 7 dBi Vertical Polarization 7 dBic Circular Polarization |
| VSWR | 1.5:1 |
| 3 dB Beamwidth - Azimuth | 70° Nominal |
| 3 dB Beamwidth - Elevation | 65° Nominal |
| Connector | SMA Female (options available with pigtail cable) |
| Radome Color | Light Gray |



**Vertical Polarization
Azimuth @ 1850 MHz**



**Vertical Polarization
Azimuth @ 1920 MHz**



**Return Loss Data 1900 MHz Band
(linear polarization)**

