

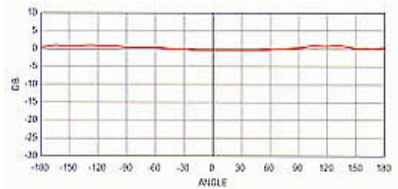
## Products

# Low Profile "Disc" Antenna

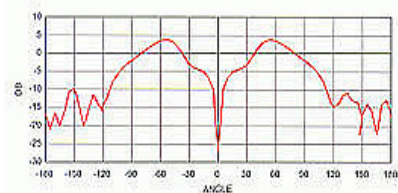
800/900/2400 MHz



Azimuth Pattern



Elevation Pattern



## Advantages

- Broadband Performance
- Low Profile, Economical Design
- Designed for Indoor & Outdoor Use
- Rugged UV ABS Stable Radome
- Easy to Mount

## Specifications

### Electrical

|                     |                                             |
|---------------------|---------------------------------------------|
| <b>Frequency</b>    | *824-896, 890-940<br>806-866, 2400-2500 MHz |
| <b>Element Type</b> | Edge Slot Radiator                          |
| <b>Polarization</b> | Vertical                                    |
| <b>Gain (min)</b>   | +3 dBi                                      |
| <b>Azimuth</b>      | Omnidirectional                             |
| <b>Elevation</b>    | Cosine Shaped Monopole                      |
| <b>VSWR</b>         | <1.5:1 @ resonance 2:1                      |
| <b>Impedance</b>    | 50 Ohm                                      |
| <b>Power</b>        | 100 Watts                                   |
| <b>Cable Type</b>   | RG-58U                                      |

### Mechanical

|                      |                                                   |
|----------------------|---------------------------------------------------|
| <b>Connector</b>     | Several Types Available                           |
| <b>Mounting</b>      | Base Mounting Plate,<br>Adhesive Backed           |
| <b>Wind Survival</b> | 150 MPH                                           |
| <b>Temperature</b>   | -40° to 160°F                                     |
| <b>Dimensions</b>    | 3.0" Dia. Top,<br>4.5" Dia. Base,<br>0.62" Height |
| <b>Weight</b>        | <1 lbs                                            |

*\*Please note: Model No. PCNLP-08V is for the 824-896 MHz frequency range, Model No. PCNLP-09V is for the 890-940 MHz frequency range, Model No. PCNLP-08V1 is for the 806-866 MHz Frequency Range and Model No. PCNLP-24V is for frequency 2400-2500 MHz.*

[Top](#)  
[Home](#)

ASTRON specializes in designing and manufacturing custom antennas. If this particular antenna does not meet with your requirements, Astron can provide you with other antenna solutions optimized to your specific application. This antenna is available in various frequencies.

Astron Antenna Co.  
22560 Glenn Drive, Suite 114  
Sterling, Virginia 20164-4440  
703.450.5517  
Fax: 703.450.9753  
[Commercial Sales](#)