

# 12 dBi, Low Profile Directional Panel Antenna



## LOW PROFILE INDOOR/OUTDOOR ANTENNA

This antenna design offers 12 dBi directional gain in a low profile housing. The antenna is well suited to both indoor and outdoor wall or mast mount applications. Cushcraft's versatile ALLPMTW and ALLPMTM articulating mounts can be used to orient the signal into the desired coverage area. Coax length and connector type can be modified to specific application.

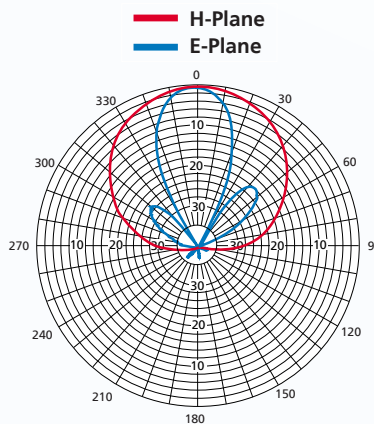
### FEATURES

- Low profile indoor/outdoor antenna
- Articulating mount available
- 2.4 GHz, 5 GHz, PCS and DCS versions

### APPLICATIONS

- Industrial complexes
- Office environments
- Shopping malls
- Healthcare facilities
- Campus settings

| MODEL                     | S34012P12NF                        | S24012P12NF                       | S18512P12NF                       | S1718P12NF                          | S17112P12NF                       |
|---------------------------|------------------------------------|-----------------------------------|-----------------------------------|-------------------------------------|-----------------------------------|
| Freq. MHz                 | 3400-3600                          | 2400-2500                         | 1850-1990                         | 1710-1880                           | 1710-1880                         |
| Gain dBi                  | 12                                 | 12                                | 12                                | 8                                   | 12                                |
| VSWR                      | 1.5:1                              | 1.5:1                             | 1.5:1                             | 1.5:1                               | 1.5:1                             |
| Polarization              | Linear                             | Linear                            | Linear                            | Linear                              | Linear                            |
| E-Plane<br>(-3dB bmwidth) | 27°                                | 25°                               | 25°                               | 65°                                 | 25°                               |
| H-Plane<br>(-3dB bmwidth) | 67°                                | 65°                               | 65°                               | 65°                                 | 65°                               |
| Weight lb (kg)            | .35 (.16)                          | 1.6 (.73)                         | 1.6 (.73)                         | .52 (.23)                           | 1.2 (.55)                         |
| RF Connector (f)          | N                                  | N                                 | N                                 | N                                   | N                                 |
| Dimensions<br>in. (cm)    | 3 x 7 x .875<br>(7,6 x 17,8 x 2,2) | 6 x 13 x 1<br>(15,2 x 30,5 x 2,5) | 6 x 13 x 1<br>(15,2 x 33,0 x 2,5) | 6 x 6 x 1.25<br>(15,2 x 15,2 x 3,2) | 6 x 13 x 1<br>(15,2 x 33,0 x 2,5) |
| Power (Watts)             | 50                                 | 50                                | 50                                | 50                                  | 50                                |
| Mount Style               | Surface                            | Surface                           | Wall/Mast                         | Wall/Mast                           | Wall/Mast                         |



**S24012P**

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