

**Wilson Cellular**  
Dual-Band Panel Antenna

CELLULAR & PCS

**FEATURES**

- Directional Antenna
- Built-In Ground Plane
- Mounting Hardware Included
- For Fixed Installations



**SPECIFICATIONS**

|                                    |  |                      |
|------------------------------------|--|----------------------|
| <b>Part Number</b>                 | <b>301122</b>  |                      |
| <b>Frequency Range</b>             | <b>806-894 MHz</b>                                   | <b>1850-1990 MHz</b> |
| <b>Gain</b>                        | <b>7 dBi</b>   |                      |
| <b>3dB Beamwidth in Hor. Plane</b> | <b>87°</b>   |                      |
| <b>3dB Beamwidth in Ver. Plane</b> | <b>58°</b>   |                      |
| <b>F/B</b>                         | <b>≥20 dB</b>  |                      |
| <b>Polarization</b>                | <b>Vertical</b>                                      |                      |
| <b>Nominal Impedance</b>           | <b>50 Ohms</b>                                       |                      |
| <b>VSWR</b>                        | <b>≤1.5</b>  |                      |
| <b>Connector</b>                   | <b>N-Female</b>                                      |                      |
| <b>Dimensions</b>                  | <b>9.8 x 8.7 x 2.4 (inch) or 250 x 220 x 60 (mm)</b> |                      |
| <b>Weight</b>                      | <b>2.2 lbs or 1 kg</b>                               |                      |



**Dual-Band & Tri-Mode**  
800 MHz Analog & Digital  
1900 MHz Digital

**Wilson Cellular**  
Dual-Band Dome Antenna

CELLULAR & PCS

**FEATURES**

- Directional Antenna
- Built-In Ground Plane
- Mounting Hardware Included
- For Fixed Installations



**SPECIFICATIONS**

|                        |  |                      |
|------------------------|--|----------------------|
| <b>Part Number</b>     | <b>301121</b>                              |                      |
| <b>Frequency Range</b> | <b>806-894 MHz</b>                         | <b>1850-1990 MHz</b> |
| <b>Impedance</b>       | <b>50 Ohms</b>                             |                      |
| <b>Antenna Gain</b>    | <b>Unity (0 dBd, 2.5 dBi at both ends)</b> |                      |
| <b>Max Power</b>       | <b>50 Watts</b>                            |                      |
| <b>Polarization</b>    | <b>Vertical</b>                            |                      |
| <b>Ground Plane</b>    | <b>Built-In Ground Plane</b>               |                      |
| <b>Connector</b>       | <b>N-Female</b>                            |                      |
| <b>Diameter</b>        | <b>8 inches</b>                            |                      |



**Dual-Band & Tri-Mode**  
800 MHz Analog & Digital  
1900 MHz Digital