



### GSM LINEARLY AND DUAL POLARIZED ANTENNA

Laird S888P series of GSM microcell antennas both employ a single broadband microstrip patch to provide a minimum of 8 dBi gain and a nominal 55 by 60° pattern

The S888HVP12NF is designed for polarization diversity applications with separate coaxial feeds provided for both horizontal and vertical polarization. Isolation between polarization is nominal 15 dB. These antennas are housed in a rugged low profile, UV stable polycarbonate radome which is weather resistant for outdoor applications.

This antenna is available in grey, beige, or white radomes; although they can be painted as required. Mounting configurations include a standard wall mount or articulating version.

### MARKETS

- WiMAX

| PARAMETER                | SPECIFICATION   |
|--------------------------|---|
| Frequency (MHz)          | 880 - 960   |
| VSWR                     | 1.5:1   |
| Gain (dBi)               | 8   |
| E-Plane (3 dB beamwidth) | 65°   |
| H-Plane (3 dB beamwidth) | 70°   |
| Impedance (Ohms)         | 50  |
| Weight lb (kg)           | 2.2 (1.0)   |
| RF Connector (f)         | N, 25 cm low loss coaxial pigtail provided                |
| Dimensions in (cm)       | 12 x 12 x 1.75 (30.5 x 30.5 x 4.4)                        |
| Polarization             | S888P12NF vertical<br>S888HVP12NF horizontal and vertical |

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