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**Item # S1713BNF, Special Purpose Omnidirectional Antennas**[larger image](#)**Omnidirectional Antennas for PCS/DCS and Wireless LAN**

Laird Technologies is world renowned for its special purpose omnidirectional antenna designs. Antennas are available for frequencies from the 1.7 GHz DCS band through the 5.8 GHz ISM band and can either be suspension ceiling mounted, I-beam mounted or mast mounted.

**2.4 GHz Monopole Omni**

The Laird Technologies 2.4 GHz monopole antenna has a large backplane and is designed for applications with a very focused omnidirectional pattern where an in-building system is required. For

example, the monopole could be used to focus signal directly into an area where it is very difficult to get any coverage.

[Stock Locator](#)
**Specifications**

|                               |  |
|-------------------------------|--|
| <b>Band</b>                   | DCS<br>PCS                                   |
| <b>Frequency</b>              | 1710 to 1880 MHz                             |
| <b>Gain</b>                   | 3 dBD  |
| <b>VSWR</b>                   | 1.5:1  |
| <b>Bandwidth</b>              | 170 MHz                                      |
| <b>3dB Beamwidth, E Plane</b> | 38 °   |
| <b>Height</b>                 | 14 in<br>35.5 cm                             |
| <b>Weight</b>                 | 1.4 lbs<br>0.64 kg                           |
| <b>Wind Surface Area</b>      | 0.07 m <sup>2</sup><br>0.006 ft <sup>2</sup> |
| <b>Wind Survival</b>          | 125 mph<br>200 kph                           |
| <b>Power</b>                  | 50 watts                                     |
|                               |  |

|                           |                                  |
|---------------------------|----------------------------------|
| <b>Enclosure Material</b> | Polycarbonate                    |
| <b>Mounting Style</b>     | Direct Mount                     |
| <b>RF Connector</b>       | N (Female)                       |
| <b>Pigtail</b>            | 12 in<br>30.5 cm                 |
| <b>Element Material</b>   | Printed Circuit - Radome Dia. 1" |

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