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Item # S1800BNF, Special Purpose Omnidirectional Antennas**Omnidirectional Antennas for PCS/DCS and Wireless LAN**
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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

Band	DCS PCS
Frequency	1850 to 1990 MHz
Gain	0 dBD
VSWR	1.5:1
Bandwidth	140 MHz
3dB Beamwidth, E Plane	70 °
Height	8 in 20.3 cm
Weight	1.2 lbs 0.55 kg
Wind Surface Area	0.04 m ² 0.003 ft ²
Wind Survival	125 mph 200 kph
Power	50 watts

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

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