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**Item # S1858P12NF, Linear Panel Antennas**[larger image](#)**Linear Polarization Panel Antennas**

Laird Technologies linearly polarized panel antennas feature high performance and versatility. All antennas in the series are provided with UV stabilized radome enclosures and can be mounted to either interior or exterior wall surfaces or masts in either fixed or articulating configurations. Models are available from 8 dBi to 17 dBi gain. Integrated coaxial pigtails can be modified for length and connectors can be modified to suit the application. Consult your Laird Technologies Sales Representative to discuss these alternatives.

**Dual Feed Panel Antennas**

Dual feed panel antennas offer two ports for polarization diversity and are well suited to environments where multipath is a concern but space is limited. Polarization diversity allows the user to achieve the desired diversity benefit in the footprint of one antenna. All Laird Technologies dual feed antennas feature a minimum of 18 dB of port isolation.

HVP antennas offer diversity benefits in the foot print of a single antenna.

**Circular Polarization Panel Antennas**

Circular polarization antennas are a good choice for system applications where remote device orientation is random and widely variable.

Circular Polarized antennas mitigate performance degradation sometimes caused by variation in remote terminal orientation.

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

<b>Frequency</b>	1850 to 1990 MHz
<b>Gain</b>	8 dBi
<b>VSWR</b>	1.5:1
<b>Polarization</b>	Linear
<b>3dB Beamwidth, E Plane</b>	62 °
<b>3dB Beamwidth, H Plane</b>	65 °
<b>Weight</b>	0.52 lbs 0.23 kg

<b>RF Connector</b>	N (Female)
<b>Dimensions</b>	6 x 6 x 1 1/4 in. 15.2 x 15.2 x 3.2 cm
<b>Power</b>	50 watts
<b>Mounting Style</b>	Mast Wall Mount

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