



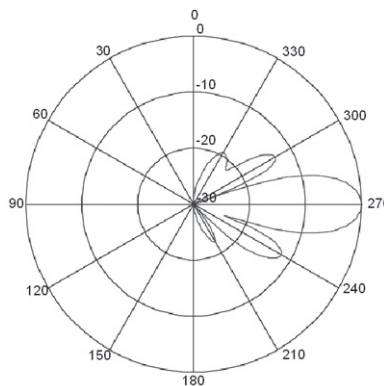
The WIPE2419 Panel Enclosure Antenna is an excellent solution for all 2.4 GHz applications. Not only does it's patented circuit design offer high gain for a low cost, but the low profile and rugged design make it the ideal antenna for outdoor applications. The WIPE2419 features a weather-tight compartment behind the antenna to allow the direct integration of electronics, and also meets NEMA 4 requirements. Included with the WIPE2419 panel enclosure antenna is also a high-strength mounting bracket. The WIPE2419 is also used with the Wireless Interactive CPE Kit Solution ( WICPE200G ).

### APPLICATIONS

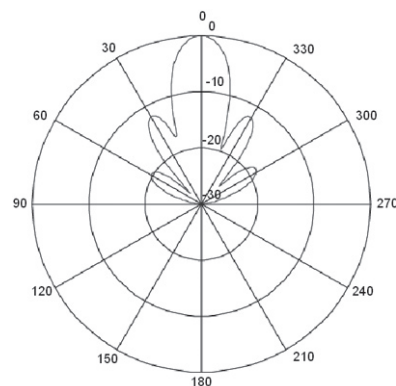
- 2.4GHz Wireless LAN Applications
- 802.11b/g Applications
- Client Antennas
- OEM Wireless Data
- PTP or PTMP Applications
- Wireless Bridging

### SPECIFICATIONS

<b>Weight</b>	4 lb ( 1.36 kg)
<b>Outer Dimensions</b>	15.4 x 15.4 x 2 in. ( 391 x 391 x 51 mm )
<b>Compartment Dimensions</b>	11.75 x 11.75 x 1 in. ( 298 x 298 x 25 mm )
<b>Backplane</b>	aluminium
<b>Radome</b>	UV stabilized ABS plastic
<b>Antenna Frequency Range</b>	2.4 - 2.5 GHz
<b>Gain</b>	19dBi
<b>Beamwidth</b>	18 degrees VPOL / 18 degrees HPOL
<b>VSWR</b>	≤ 1.5:1
<b>Front to Back Ratio</b>	>30 dB
<b>Cross Polarization</b>	>30 dB
<b>Power Rating</b>	30 watts
<b>Impedance</b>	50 Ohms
<b>Lightning Protection</b>	DC ground
<b>Connector Type</b>	Integral SMA jack
<b>Wind Survivability</b>	125 mph (201 kmph)
<b>Wind Load</b>	1.90ft <sup>2</sup> ( 0.18m <sup>2</sup> )
<b>Operating Temperature Range</b>	-49°F to +149°F ( -45°C to +65°C )
<b>Pole Mount Diameter Range</b>	0.75 in to 2.0 in ( 19mm to 76mm)



WIPE2419 E Plane



WIPE2419 H Plane