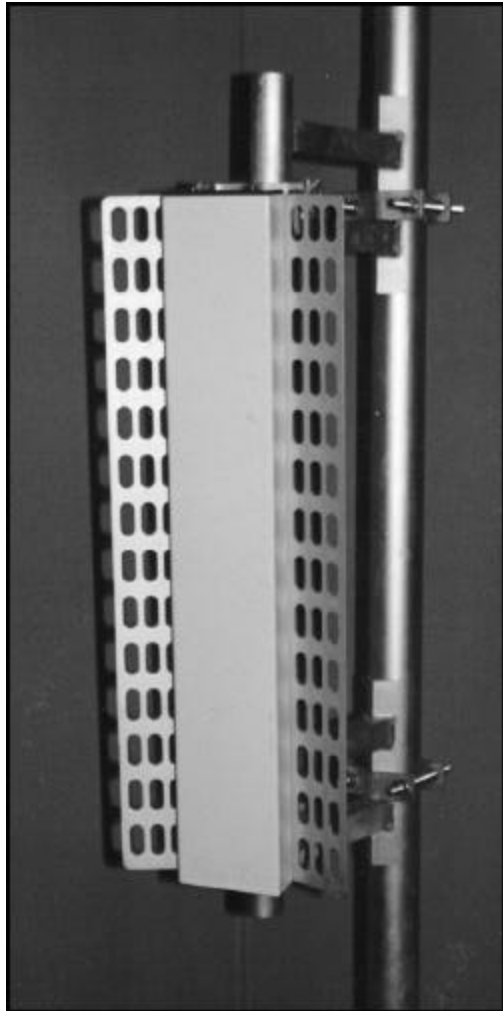




Model A2.45LP17

2.4GHz Long Panel Antenna, 90° Beamwidth



The Model A2.45LP17 is a 2.4 GHz long panel antenna designed primarily for use at Wireless Internet Point of Presence (WIPOP) base sites. It is used to provide segmented coverage over a selected area. The antenna features a 90° horizontal beamwidth. It also has a tilt down bracket to focus the signal downward when installed on a mountain top, tall radio tower or building. It is ideal when setting up multiple WIPOP cell sites since the size of the cell is easily set based on the down-tilt of the antenna.

Antenna Features:

- 17.2 dBi gain
- Front to back ratio > 30 dB
- 90° horizontal beamwidth.
- 7.5° vertical beamwidth
- Designed for the 2.4 GHz Spread Spectrum band
- Fiberglass Radome
- Includes heavy duty galvanized steel mounting hardware
- Downtilt angles from 0° to 5° or 0° to 8° available, field settable
- Enables coverage over segmented areas customized with maximum gain
- Provides for flexible sized cell site coverage area
- Works equally well with Direct Sequence or Frequency Hopping Spread Spectrum Systems
- 1 Year Warranty
- Made in the USA

Heavy duty mounting hardware ensure a solid, reliable mount even on the harshest mountaintop installations.



Ordering Information:

A2.45LP17 \$795.00

Model A2.45LP17

2.4GHz Long Panel Antenna, 90° Beamwidth

Specifications:

Frequency Range: 2400 – 2500 MHz (broadband)

Gain: 17.2 dBi

Impedance: 50 ohms

VSWR: < 1.5 : 1

Polarization: Vertical

Front-to-Back ratio: >30 dB

Maximum input power: 200 Watt (at 50° C)

Horizontal Beamwidth: 90° (half - power)

Vertical Beamwidth: +/- 7.5° (half - power)

Termination: N-Female

Weight: 14 lb (6.4 kg)

Dimensions: 32 x 12 x 2.1 inches

Wind Loading at 100 MPH:

Frontal: 87 lbs

Wind survival rating: 120 mph (200 kph)

Shipping dimensions: 36 x 12 x 7

Shipping weight: 18 lbs (8.2 kg)

Mounting: Fixed and tilt-mounting are available for 1.2 to 3.75 inch

