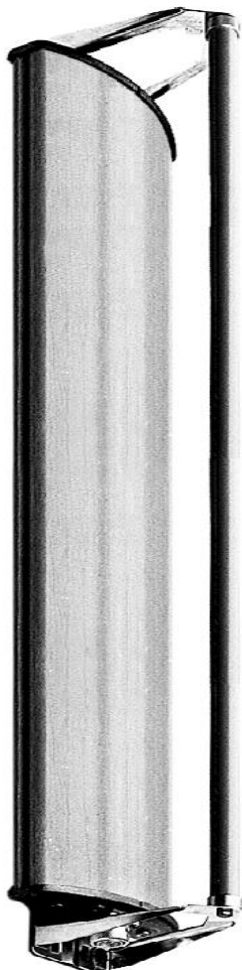


Model A2.45LP15

2.4 GHz 180° Long Panel Antenna

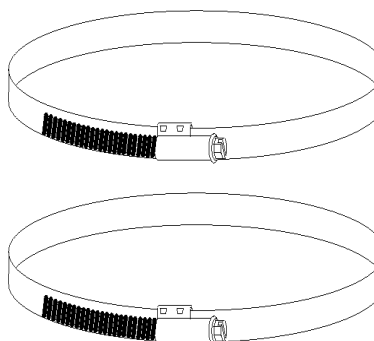


The Model A2.45LP15 is a 2.4 GHz long panel antenna designed primarily for use at Wireless Internet Point of Presence (WIPOP) base sites. It is used to provide segmented coverage over a selected area and features a 180° horizontal beamwidth. It also has a tilt down bracket option to focus the main beamwidth downward when installed on a mountain top, tall radio tower or building. It is also ideal when setting up multiple WIPOP cell sites since the size of the cell is easily set based on the down-tilt.

Antenna Features:

- 15 dBi gain
- Front to back ratio > 30 dB
- 180° horizontal beamwidth
- 5° vertical beamwidth
- Designed for the 2.4 GHz Spread Spectrum band
- Fiberglass Radome
- Galvanized steel heavy duty mounting hardware
- Down-tilt bracket available
- 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 mounting even in the harshest mountaintop or weather conditions.



Mounting clamps that come with the antenna provide for a vertical mounting. Several different sizes are available for the various diameters of the mast. Tilt-down brackets are also available.

Ordering Information:

A2.45LP15 \$995.00

TB 13 Tilt down bracket add \$95.00

Model A2.45LP15

2.4GHz 180° Long Panel Antenna

Specifications:

Frequency Range: 2305 - 2485 MHz (broadband)

Gain: 15 dBi

Impedance: 50 ohms

VSWR: < 1.5 : 1

Polarization: Vertical

Front-to-Back ratio: >23 dB

Maximum input

200 Watt (at 50° C)

H-plane beam- 180° (half - power)

E-plane beam- 5° (half - power)

Termination: 7/16 DIN female

Weight: 17 lb (7.7 kg)

Dimensions: 52.3 x 9 x 6 inches

Equivalent flat

plate area: 2.6 Square Feet (0.24 square me-

Wind survival rat- 120 mph (200 kph)

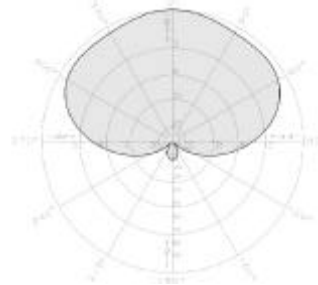
Shipping dimen- 60 x 8 x 6
(1525 x 203 x 152)

Shipping weight: 25 lb (11.3 kg)

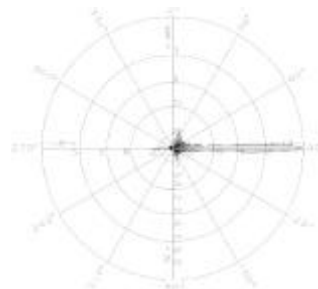
Mounting: Fixed and tilt-mounting options are available for 1.2 to 5.3 inch (30 to 135 mm) OD masts. Panel without

Mounting Options

Model	Description
AMC- 1:	Mounting Kit for 1.2 to 2.125 inch OD mast.
AMC- 2:	Mounting Kit for 2.125 to 3 inch OD mast.
AMC- 3:	Mounting Kit for 3 to 3.75 inch OD mast.
AMC- 4:	Mounting Kit for 3.75 to 4.5 inch OD mast.
AMC- 5:	Mounting Kit for 4.5 to 5.3 inch OD mast.
TB- 13:	Tilt Mounting Kit for use with the above



Horizontal Pattern



Vertical Pattern

