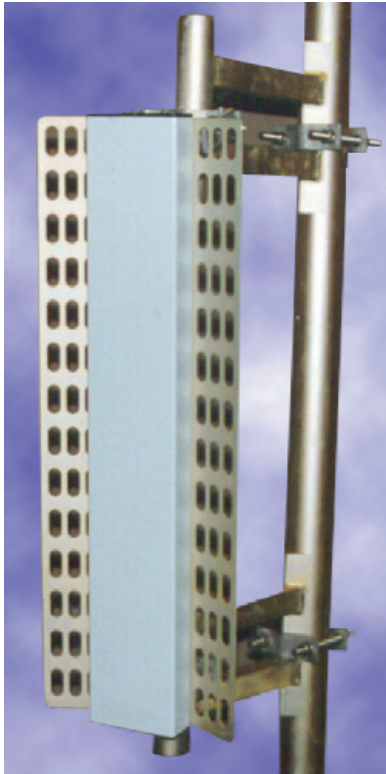




## Features

- Vertically polarized
- 17.2 dBi gain
- 90° horizontal beamwidth
- 7.5° vertical beamwidth
- Front to back ratio > 30 dB
- Designed for the 2.4 GHz Spread Spectrum band
- Fiberglass Radome
- Galvanized steel heavy duty mounting hardware
- Includes mechanical down-tilt bracket
- 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
- 150 mph wind survival
- 1 Year Warranty
- Made in the USA

## Description

The **Model LP17** is a 2.4 GHz vertically polarized long panel sector 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 down-tilt 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.



**Heavy duty mounting hardware** ensures a solid, reliable mount even on the harshest mountaintop installations

*Specifications subject to change without notice*

8000 Lee Highway, Falls Church VA 22042

Tel: (703) 205-0600 Fax: (703) 205-0610

Sales: 1-888-297-9090

[www.terabeam.com](http://www.terabeam.com)

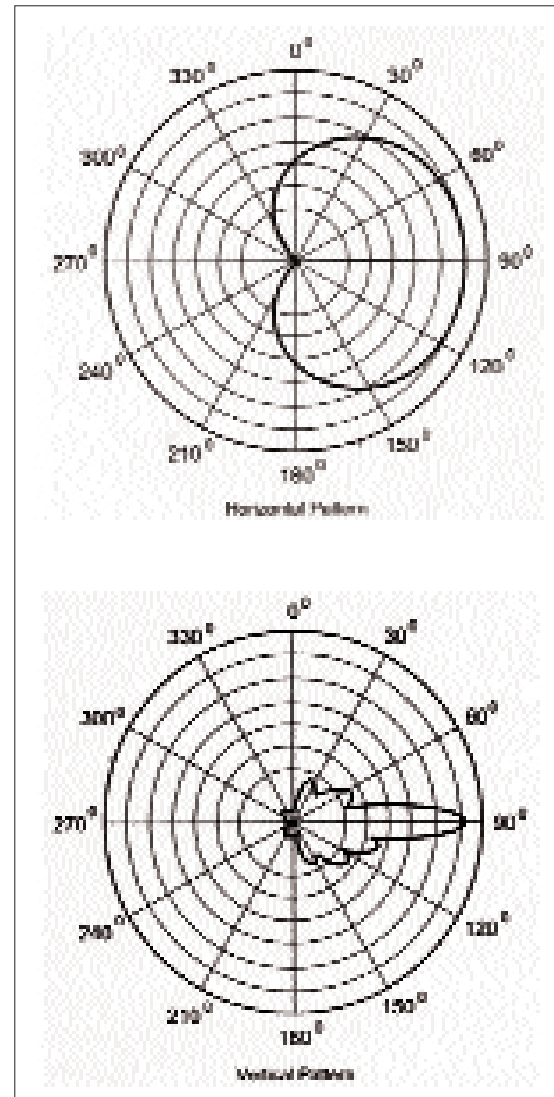
990 Almanor Avenue, Sunnyvale, CA 94085

Tel: (408) 617-8150 Fax: (408) 617-8151

Sales: 1-800-664-7060

## Specifications

|                             |                                                                                       |
|-----------------------------|---------------------------------------------------------------------------------------|
| <b>TBW Part Number:</b>     | <b>203-900011-001</b>                                                                 |
| Frequency Range:            | 2.400 - 2.500 GHz                                                                     |
| Forward Gain:               | 17.2 dBi                                                                              |
| Front/Back Ratio:           | > 30 dB                                                                               |
| VSWR:                       | < 1.5:1                                                                               |
| Polarization:               | Vertical                                                                              |
| Horizontal Beamwidth:       | 90 degrees                                                                            |
| Vertical Beamwidth:         | 7.5 degrees                                                                           |
| Termination:                | N-Type Female                                                                         |
| Mounting:                   | Fixed and tilt-mounting (0°-4° or 0°-8°) are available for 1.2 to 3.75 in O.D. masts. |
| Dimensions (H x W x D):     | 32 x 12 x 6 in                                                                        |
| Weight:                     | 14 lbs with clamps                                                                    |
| Flat Panel Equivalent Area: | 2.67 sq ft                                                                            |
| Wind Survival:              | 150 mph                                                                               |



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