

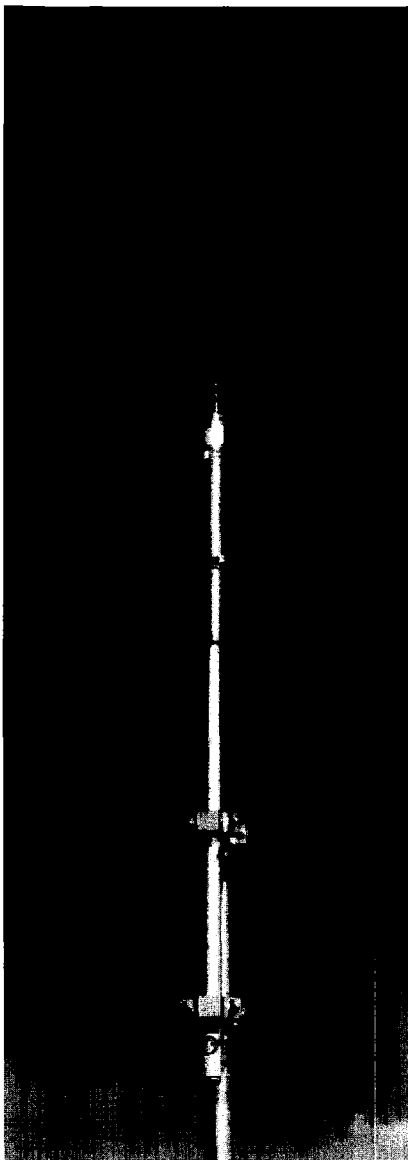


# ASPA244

COAXIAL, HALF-WAVE  
OMNIDIRECTIONAL ANTENNA  
UNITY GAIN, 150-174 MHz



Base Station  
Antennas



- **Performance** — unity gain pattern features low angle of radiation
- **Dependable** — provides years of excellent performance and trouble-free service
- **Versatile** — easily tuned in field to operating frequency using cutting chart
- **Easy to Install** — supplied with mounting pipe and short length of RG-213/U cable with N male connector
- **Protected** — built-in gap-type lightning arrester

## SPECIFICATIONS

### Electrical

|                      |                            |
|----------------------|----------------------------|
| Power                | .500 watts maximum         |
| Frequency Range      | 150-174 MHz                |
| Bandwidth            | .2 MHz                     |
| VSWR                 | Less than 1.5:1            |
| Impedance            | .50 ohms                   |
| Vertical Beamwidth   | .75 degrees                |
| Lightning Protection | Built-in gap-type arrester |
| Termination          | N male connector           |

### Mechanical

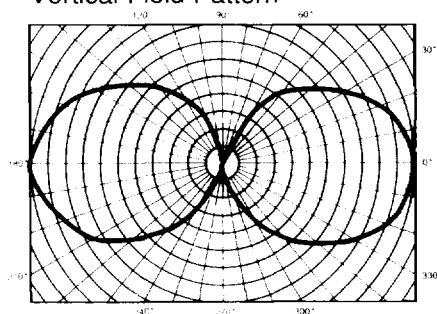
|                            |                                                                                       |
|----------------------------|---------------------------------------------------------------------------------------|
| Rated Wind Velocity        | 100 mi/h (161 km/h) @ 16.5 safety factor                                              |
| Equivalent Flat Plate Area | .04 ft <sup>2</sup> (0.04 m <sup>2</sup> )                                            |
| Length                     | Approximately 6 ft (1.8 m) including support pipe                                     |
| Weight                     | .5 lb (2.3 kg)                                                                        |
| Radiating Element          | Stainless steel rod                                                                   |
| Skirt Element              | Heavy duty, heat treated aluminum tubing                                              |
| Mounting                   | 3/4 inch (19.1 mm) aluminum pipe supplied; two (2) ASP-320-type mast clamps supplied* |

### Shipping Information

|            |                                           |
|------------|-------------------------------------------|
| Weight     | 10 lb (4.5 kg)                            |
| Dimensions | 3 x 4 1/2 x 67 inches (7.6 x 11 x 170 cm) |

\*See catalog sections for mounting brackets, coaxial cable, connectors and other materials required for complete installation. VAPOR-WRAP® connector sealant is included.

### Vertical Field Pattern



UPS SHIPPABLE

