



## VS655 High Power Antenna Kit

The VS655 is a base station antenna kit that is designed for large area paging applications, where high power radio transmission is needed. The VS655's antenna is enclosed in a high density fiberglass and is covered with a protective, ultraviolet inhibiting coating. The VS655 is best used outdoors in a multi-story radio applications, where extended paging coverage is required.



- **UHF or VHF Frequency Band**
- **High Performance Collinear Design**
- **Maximum Power of 500 Watt**
- **High Density Fiberglass**
- **Durable Gold Anodized Sleeve and Cap**
- **Complete Installation Kit**

### Specifications:

**Dimensions:** 68" high x 3" diameter

**Weight:** 13 lb.

**Maximum power:** 500 watts

**Operating Temperature:** -40° to 140°F

**Gain:** 3dB

**Polarization:** Vertical

**VSWR:** 2:1

**Vertical beam width:** 75 degrees

**Impedance:** 50 Ohm

**Cable termination:** Female type "N" connector

**Frequency Range:** 148-174Mhz, 400-470MHz

**Wind survival:** >125 mph.

**Mounting sleeve:** 1.25" anodized aluminum

**Mounting:** For optimum coverage, the antenna need to be mounted external to a building, usually at the highest point. Includes mounting kit, grounding kit and connectors.