

## EM-6117 VERTICAL COLLINEAR ANTENNA



### Description

The EM-6117 Vertical Collinear Antenna is a free space antenna that requires no ground plane. The antenna maintains an Omni directional pattern in the horizontal plane. The antenna is optimized for use in a variety of wireless systems. Some examples are WLAN, Video, PCS/PCN.

The optional antenna reflector Kit shapes the beam into a cardioid shape increasing gain and directivity.

### Specifications

#### Electrical

<b>Frequency Range:</b>	1.7 GHz -1.9 GHz
<b>Gain:</b>	9 dBi
<b>Bandwidth @ 2:1 SWR:</b>	140 MHz
<b>Impedance:</b>	50 Ohms
<b>Maximum Power Input:</b>	100 W
<b>Vertical Beam Width:</b>	17°

#### Mechanical

<b>Size:</b>	60.3 cm long (23 3/4") 3.2 cm wide (1 1/4") w/ optional reflector: 5.97 cm (2 3/8")
<b>Weight:</b>	2 lbs.
<b>Connector:</b>	Type N, jack

Specifications subject to change without notice.  
Unless otherwise specified, product is manufactured in Johnstown, NY USA.

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