

## 200 MHz Collinear Antenna

### Electrical Specifications

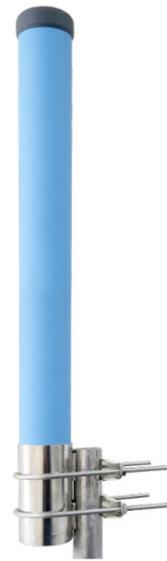
Frequency (Continuous)	200-240 MHz
Bandwidth	Full Band
Gain	2.5 dBd
Power Rating (Max.)	500 W
Impedance (Nom.)	50 $\Omega$
Polarization	Vertical
VSWR (Max.)	1.5:1
E Plane	80°
H Plane	360°
RF Connector Type	N Female

### Mechanical Specifications

Antenna Dimensions (HxWxD)	35.4" x 3.8" x 3.8"
Weight (Antenna+Mounts)	8 lbs.
Material	Stainless steel and fiberglass
Mounting	2 - 3.5" mast diameter, heavy duty stainless steel mounting bracket

### Environmental Specifications

Wind Loading	26.5 lb / 118 N @ 100 MPH
Wind Loading with 1/2" Ice	112 lb / 500 N @ 175 MPH, 84 lb / 374 N @ 150 MPH
Wind Rating	200 MPH
Wind Rating with 1/2" Ice	150 MPH



The EMR220FC2 is a vertical base station antenna covering the 220 MHz band. This antenna offers a stable radiation pattern across the entire band. The antenna is enclosed in a heavy-duty fiberglass radome and has a fixed N type female connector.

### Product Features

- Ideal for Base Station applications
- Factory tuned, no further tuning required
- Fully enclosed in a heavy duty radome
- Weather and corrosion resistance
- DC Grounded
- 3 Year Warranty

### Radiation Pattern

