

200 MHz Collinear Antenna

Electrical Specifications

Frequency (Continuous)	200-240 MHz
Gain	2.5 dBd
Power Rating (Max.)	500 W
Bandwidth	Full Band
Impedance (Nom.)	50 Ω
VSWR (Max.)	1.5:1
Polarization	Vertical
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	Stainless Steel Universal Heavy Duty Bracket

Environmental Specifications

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

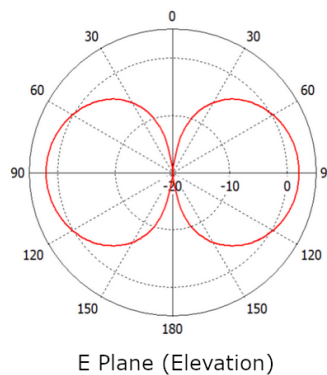
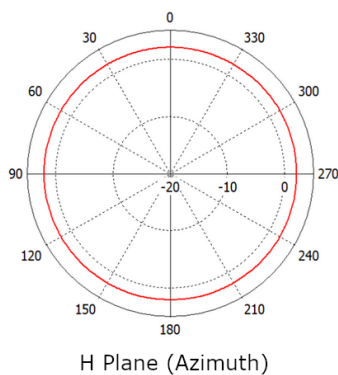


The EMR220FC2 is a vertical base station antenna covering the 220 MHz band. This antenna offers a stable radiation pattern across the entire band. The antenna is enclosed in a heavy-duty fiberglass radome and has a fixed N type female connector.

Product Features

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

Radiation Pattern



VSWR

