

UHF Collinear Antenna

Electrical Specifications

Frequency (Continuous)	360-520 MHz
Bandwidth	Full Band
Gain	2.5 dBd
Power Rating (Max.)	500 W
Impedance (Nom.)	50 Ω
Polarization	Vertical
VSWR (Max.)	1.5:1
E Plane	76°
H Plane	360°
RF Connector Type	N Female

Mechanical Specifications

Antenna Dimensions (HxWxD)	22.5" x 3.8" x 3.8"
Weight (Antenna+Mounts)	6.5 lbs.
Material	Stainless steel and fiberglass
Mounting	2 - 3.5" mast diameter, heavy duty stainless steel mounting bracket

Environmental Specifications

Wind Loading	14 lb / 62.5 N @ 150 MPH
Wind Loading with 1/2" Ice	32 lb / 143 N @ 150 MPH, 44 lb / 195 N @ 175 MPH
Wind Rating	200 MPH
Wind Rating with 1/2" Ice	150 MPH



The EMR450FC2 is a vertical base station antenna covering the 360-520 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

