

UHF Collinear Base Antenna

Electrical Specifications

Frequency (Continuous)	758 - 870 MHz
Bandwidth	Full Band, 112 MHz
Gain	5 dBi (2.85 dBd)
Power Rating (Max.)	150 W
Impedance (Nom.)	50 Ω
Polarization	Vertical - 16° 3 dB Beamwidth
VSWR (Max.)	2.0:1
E Plane	90°
H Plane	360°
RF Connector Type	N Female

Mechanical Specifications

Antenna Dimensions (HxWxD)	43.5" 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	33 lb / 147.5 N @ 100 MPH
Wind Loading with 1/2" Ice	132 lb / 589 N @ 175MPH, 97 lb / 433 N @ 150 MPH
Wind Rating	200 MPH
Wind Rating with 1/2" Ice	150 MPH

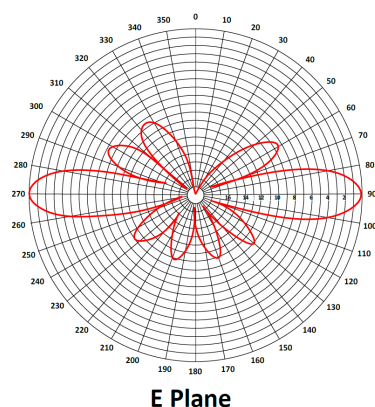


The EMR825FC6 is a vertical base station antenna covering the 758-870 MHz band. This antenna offers a stable radiation pattern across the entire band. The antenna is enclosed in a heavy-duty fiberglass radome and has a fixed N type female connector.

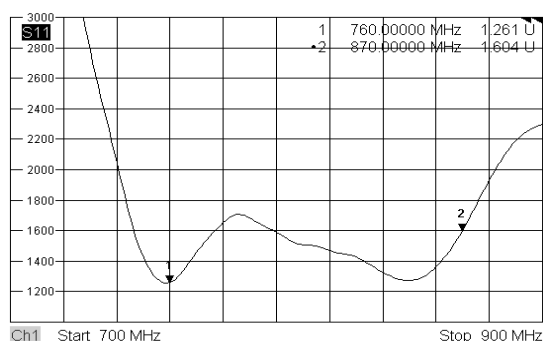
Product Features

- 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



All product specifications subject to change without notice.