

## VHF Dual Bay Dipole Antenna

### Electrical Specifications

Frequency (Continuous)	136-174 MHz
Gain	4 - 5.5 dBd (depending on spacing)
Power Rating (Max.)	500 W
Bandwidth	38 MHz
VSWR (Max.)	1.5:1
E Plane	35° @ 1/4 Wavelength
H Plane	See pattern
RF Connector Type	N Female
Impedance (Nom.)	50 Ω

### Mechanical Specifications

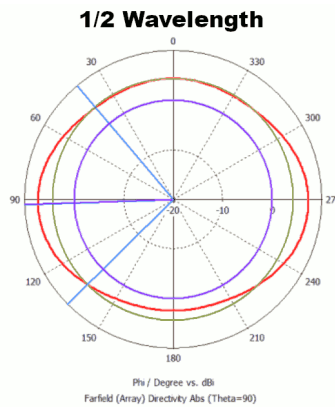
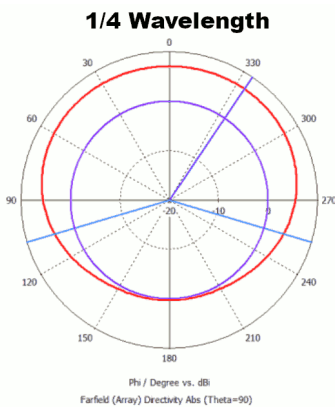
Cable Type	RG 214
Material	Electropolished Stainless Steel
Antenna Dimensions (HxWxD)	32.3" x 51.2" x 2" (each element)
Tower Weight (Antenna+Mounts)	24 lbs.
Mounting	Each dipole element includes a heavy duty stainless steel bracket for mounting to a 1.5-2.5" diameter mast. Antennas may be mounted at 1/4 or 1/2 spacing. Mast is customer supplied.

### Environmental Specifications

Wind Rating	175 MPH
Wind Rating 1/2" Ice	150 MPH
Exposed Area (Max.)	1.6 ft. <sup>2</sup>
Lateral Thrust	64 lbs @ 100MPH



The EMR150DP2 antenna is an all electropolished stainless steel, folded dipole antenna for use in the High Band VHF commercial radio band. Its wide bandwidth is ideal in duplexing and multicoupling applications where numerous operators are required to be connected to one antenna system. This dual antenna configuration includes all necessary bracketry and phasing harness to stack the antennas for increased gain. Its robust construction ensures excellent longevity and performance.



### Product Features

- Wide band
- Stainless steel construction
- Weather and corrosion resistance
- No tuning required, plug & play
- Ideal for Public Safety, Government, LMR, Railroad, and Amateur Radio Applications