

UHF Dual Bay Dipole Antenna

Electrical Specifications

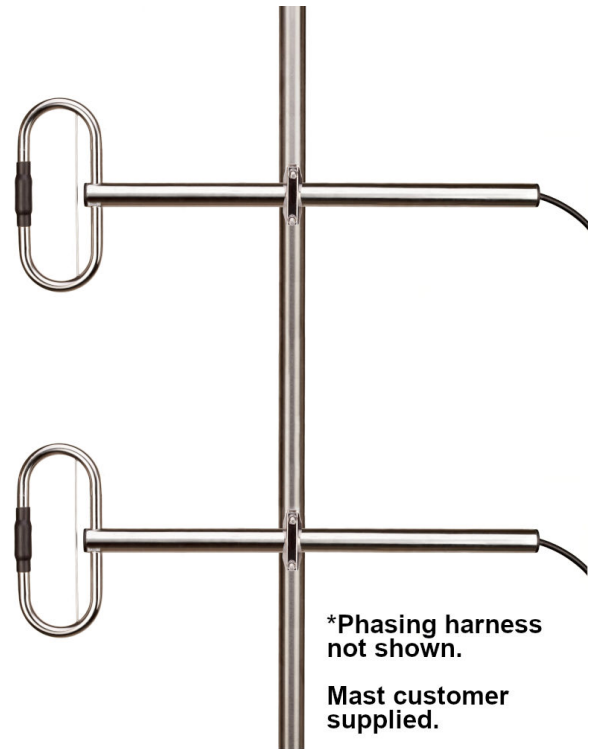
Frequency (Continuous)	360-520 MHz
Gain	4 - 5.5 dBd (depending on spacing)
Power Rating (Max.)	500 W
Polarization	Vertical
VSWR (Max.)	1.5:1
E Plane	32° @ 1/4 Wavelength
H Plane	See pattern
Impedance (Nom.)	50 Ω
Lightning Protection	DC Grounded
RF Connector Type	N Male

Mechanical Specifications

Cable Type	RG 214
Antenna Dimensions (HxWxD)	11.5" x 32.3" x 1.5" (each element)
Tower Weight (Antenna+Mounts)	11 lbs.
Mounting	Each dipole element includes a heavy duty stainless steel bracket for mounting to a 1.5-2.5" diameter mast. Antenna may be mounted at 1/4, 1/2 or full wave spacing. Mast is customer supplied.
Material	Electropolished Stainless Steel

Environmental Specifications

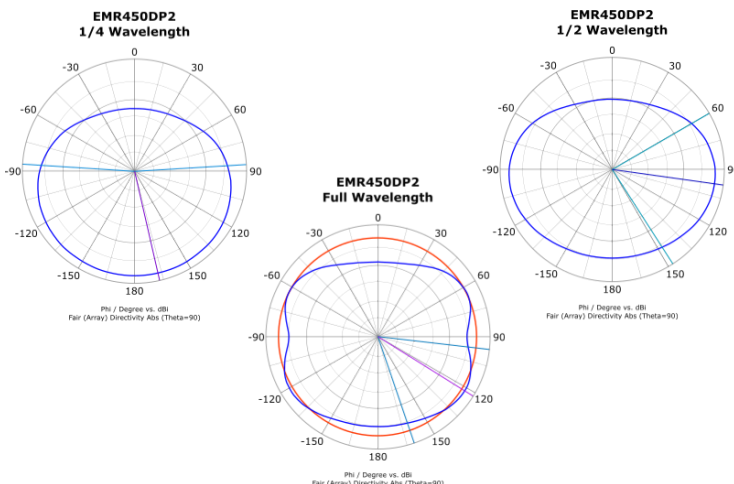
Wind Rating	175 MPH
Wind Rating 1/2" Ice	150 MPH
Exposed Area (Max.)	0.68 ft. ²
Lateral Thrust	29 lbs @ 100 MPH



The EMR450DP2 dipole array is a rugged broadband antenna for use in the 360-520MHz band. The dipoles are all welded and polished Stainless Steel construction suited to all harsh environments. The array can be mounted in three configurations to allow for different shaped radiation patterns in the H plane, including 1/4, 1/2 and full wavelength spacing from the vertical mounting pole. This dual antenna configuration includes all necessary bracketry and phasing harness to stack the antennas for increased gain.

Product Features

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



All product specifications subject to change without notice.

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