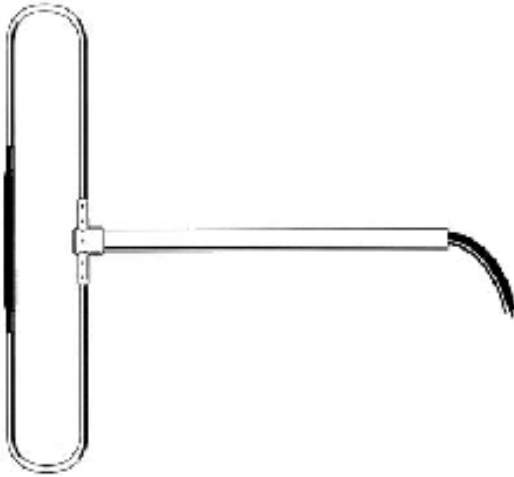


02530 – VHF Band II FM Folded Dipole Antenna



Description

The 02530 antenna, is a 0.0 dB Gain, all Stainless Steel, Folded Dipole antenna for use in the FM commercial radio band. Its wide bandwidth is ideal applications where wide bandwidth is required. The 02530 antenna offers a stable radiation pattern across the whole band 88 – 108 MHz. With the use of the appropriate phasing harness, the 02530 antenna can be stacked in two or four stack configurations for increased gain requirements. Its robust construction ensures excellent longevity and performance. The all Stainless Steel construction is ideally suited for weather and corrosion resistance.

Applications

FM Commercial Radio Stations.

Construction

- Stainless Steel mounting boom.
- Stainless Steel Folded Dipole.

Specifications

Electrical

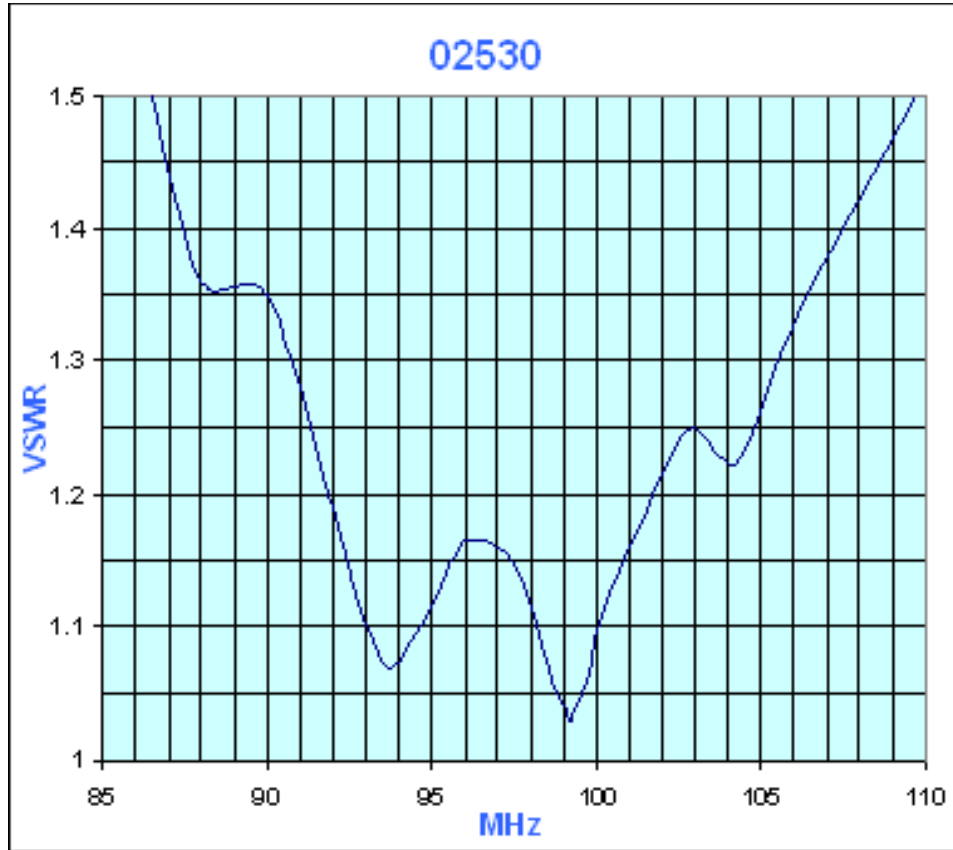
Model	Frequency MHz	Gain (dB)	Tuned Bandwidth	Operating VSWR	Input Impedance	Vertical Beamwidth	Horizontal Beamwidth	F/B Ratio
02530	88 - 108	0.0	20 MHz	<1.5:1	50 ohms (Nominal)	80 Deg	200 Deg	7 dB

Mechanical

Model	Construction	Length (m)	Width (m)	Weight (kg)	Termination	Projected Area	Wind Loading @160 KPH	Mounting
02530	All Stainless Steel Construction	1.5	1.400	-	Cable tail, N-Female	0.119SQM	20.54 KG	40mm Tube

VSWR

02530



Radiation Pattern

