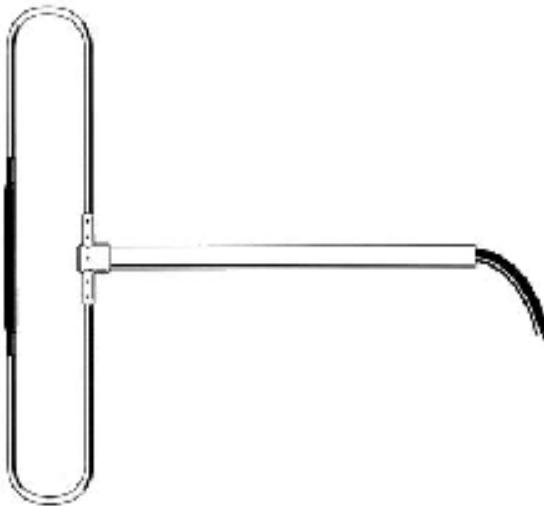


02331 – VHF Lo Band Folded Dipole Antenna



Description

The 02331 antenna, is a 0.0 dB Gain, all 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 the one antenna system. The 02331 antenna offers a stable radiation pattern across the whole band 70 - 85 MHz. With the use of the appropriate phasing harness, the 02331 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

Wide band VHF Low Band Duplexing/Multicoupling.

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
02331	70 - 85	0.0	15 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
02331	All Stainless Steel Construction	1.74	1.788	3.510	Cable tail, N-Female	0.150SQM	25.86 KG	4mm Tube

