

Part No. 02530

88-108MHz

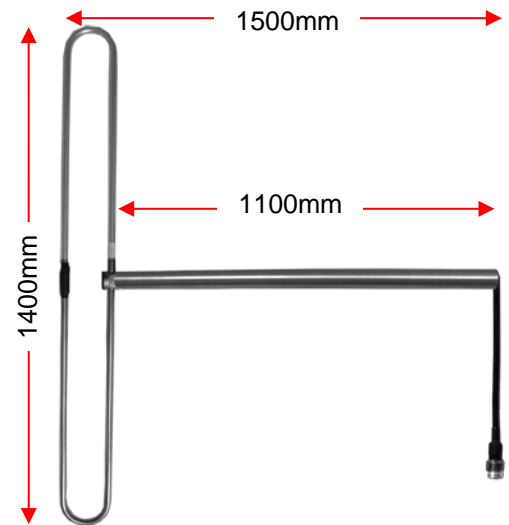
VHF FM Side Mount Dipole Antenna

The 02530 antenna is a unity Gain, Stainless Steel, Side Mount 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 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.



Application

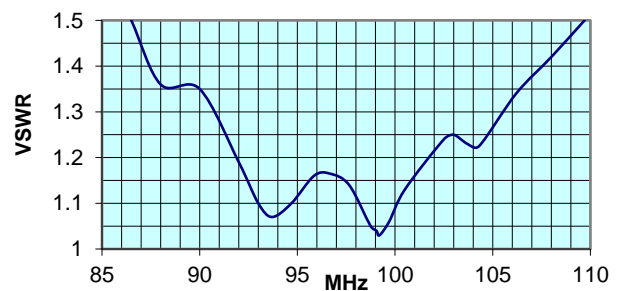
FM Commercial Radio Stations

Tuning

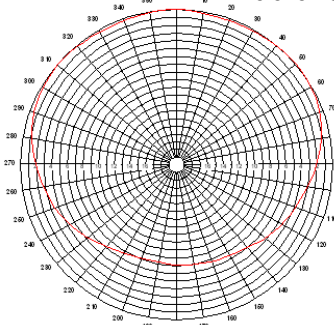
Factory Tuned, no further tuning required.

Features

- ✓ VHF 88 - 108 MHz Band
- ✓ Unity Gain
- ✓ Durable robust construction
- ✓ Stainless Steel Mounting Boom
- ✓ Stainless Steel Folded Dipole
- ✓ Extreme weather resistance



Radiation Pattern



H Plane

Specifications

Frequency:	88-108 MHz,	Tuned Bandwidth:	20 MHz
Gain:	0 dBd	Length:	1500 mm
Impedance:	50 Ω	Boom length:	1100mm
H Plane Beamwidth:	200 Deg	Width:	1400 mm
E Plane Beamwidth:	80 Deg	Weight:	N.W 5kg Antenna & Mounting Tube
F/B Ratio:	7 dB	Termination:	Cable tail with N-Type female Receptacle
Maximum Power:	300W	Construction:	All Stainless steel construction

Packaging

Bubble wrapped, 1 pc per Shipping carton, 410x100,1470mm G.W. 6.5kg

Warranty

3 years (Please refer to [Benelec Terms & Conditions](#))