

LPFM Folded Dipole

VHF Folded Dipole - Commercial Series

Model CFDFM

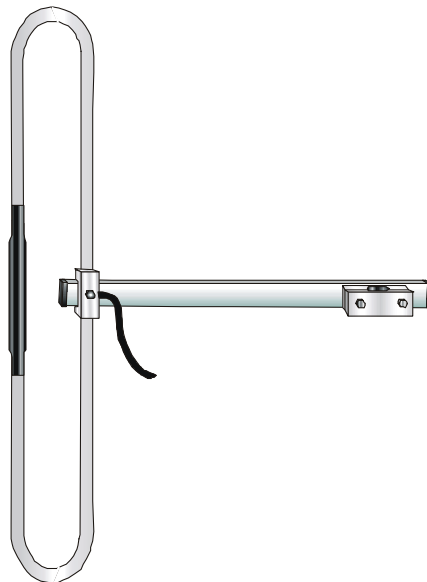
The CFDFM antenna is constructed from Grade 6000 series aluminium and corrosion resistance is increased by a silver anodised finish.

The dipole is constructed from 12.7mm x 1.4mm extruded sections, which provides a robust antenna.

The boom section is 25mm x 25mm x 1.7mm square tube, to which the dipole is clamped. This system allows the aerial to be shipped knocked down. A cast aluminium clamp with stainless steel hardware is used to mount the dipole to the boom.

The nominal feed impedance is 50 ohms with the matching section sealed within the driven element, eliminating the need for an external balun. A 1m tail of RG58 coax is fitted as standard.

Mounting for vertical polarisation is standard with the usually clamp located at the rear of the boom. There are four mounting options available for clamping to 25mm, 38mm, 48mm or 63mm outside diameters, with the 25mm clamp supplied as standard. As an alternative the Universal Clamp (CLUV) clamp may be used.

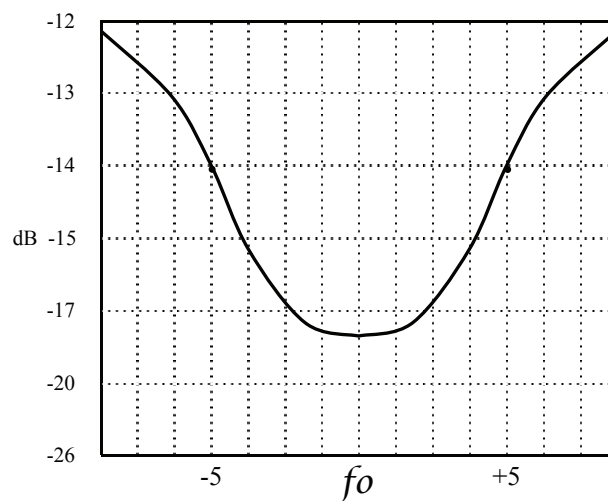


CFDFM

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Specification:

MODEL	CFDFM
Number of Elements	1
Frequency Range (MHz)	88-108
Bandwidth (MHz)	10
Gain (dBd)	0
Front to Back Ratio (dB)	0
Input Impedance (ohms)	50
Return Loss (dB & VSWR)	<-14dB 1.5:1
Maximum Power (W)	200
Cable Type & Length	RG58, 1 Metre
Max Element Length (m)	1.6
Boom Length (m)	1
Boom Diameter (mm)	25x25 square
Projected Area (m ²)	0.07
Weight (kg)	0.5
Mounting Location	Rear



Typical Return Loss - CFDFM