

FMVD & FMVD-MC

Vertical FM Radio Dipole

The FMVD series are ground independent vertical dipoles specifically designed and manufactured for low power FM radio transmit and receive.

Mounting Clamps, coaxial feeder cable, connectors and other installation accessories are all available separately.

Specifications	FMVD	FMVD-MC
Construction	White radome, aluminium mount tube, Plastic cap	White radome, aluminium mount tube, Aluminium cap
Frequency Range	FM band 87.5-108.5MHz	
Bandwidth	1MHz (specify when ordering)	
Tuning	Factory	Factory
Return Loss, VSWR	Better than -20dB, <1.2:1 across specified bandwidth	
Gain	0 dBd	0 dBd
Maximum Power	25 Watts	25 Watts
Impedance	50 Ohms	50 Ohms
DC Grounding	Yes	Yes
Polarisation	Vertical	Vertical
H Plane	360° omnidirectional, ± 0.5 dBd	
Cable Tail	500mm RG58 low loss (bottom exit)	
Connector (fitted)	N-female fitted to 500mm cable tail	
Height at 88MHz	2.8 metres, higher frequencies radome reduces slightly	
Weight	1Kg	1Kg
Projected Area	0.048m ²	0.048m ²
Wind Load at 160kph	5.8Kg, 0.06kN	5.8Kg, 0.06kN
Mount tube	600mm x 32mm	600mm x 32mm
Mounting Accessories	2 x EB1SS (order separately)	
Warranty	2 Years	2 Years



Other Models Available

FMVD-SS

Vertical Dipole,
S/S Mount tube