

FMVD-MC

Vertical FM Radio Dipole

87.5-108.5MHz

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-MC
Construction	White radome, aluminium mount tube, Aluminium cap
Frequency Range	FM band 87.5-108.5MHz
Bandwidth	1MHz (specify when ordering)
Tuning	Factory
Return Loss, VSWR	Better than -20dB, <1.2:1 across specified bandwidth
Gain	0 dBd
Maximum Power	25 Watts
Impedance	50 Ohms
DC Grounding	Yes
Polarisation	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
Projected Area	0.048m ²
Wind Load at 160kph	5.8Kg, 0.06kN
Mount tube	600mm x 32mm
Mounting Accessories	2 x EB1-SS (order separately)
Warranty	2 Years

