

## FMVD-MC

### Vertical FM radio dipole

87.5-108MHz

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

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

Specifications	FMVD-MC
Construction	White fibreglass radome, aluminium mount section and cap
Frequency range	FM Radio 87.5-108MHz
Bandwidth	Specify any 1MHz 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° omni-directional, $\pm 0.5$ dBd
Cable tail	500mm RG58 low loss - bottom exit from mount section
Connector	N-type female fitted to cable tail - or specify requirements
Height at 88MHz	2.8 metres, higher frequencies radome reduces slightly
Weight	1.0kg
Projected area	0.048m <sup>2</sup>
Wind load at 160kph	5.8kg, 0.06kN
Mount section	600mm x 32mm
Mounting hardware (order separate)	Mast mount: 2 x EB1-SS or 1 x UB3-SS Wall/side mount: 2 x NSM-CL3642
Warranty	2 Years



EB1-SS

UB3-SS



NSM-CL3642