

FMD

FM Radio High Power Dipole

The FMD is a medium to high power dipole for FM Radio broadcast, designed to be used in a pressurised system.

Coaxial feeder cable, connectors and other installation accessories are all available separately.

Specifications	FMD
Construction	Stainless Steel (304 grade)
Frequency Range	FM band 87.5-108.5MHz
Bandwidth	6MHz (specify when ordering)
Tuning	Factory
Return Loss, VSWR	Better than <1.2:1 across specified bandwidth
Gain	0 dBd single bay, stacking increases gain
Maximum Power	5 Kilowatts per bay
Impedance	50 Ohms
DC Grounding	Yes
Polarisation	Vertical
H Plane	Semi-omnidirectional, -4 dB at rear
Connector	7/8" EIA in base of boom (no cable)
Height at 88MHz	1.5 metres, higher frequencies dimensions reduce
Weight	11Kg
Projected Area	0.107m
Wind Load at 160kph	12.9Kg, 0.127kN
Mount tube	600mm x 32mm
Mounting Accessories	Stainless steel Vee blocks/U-bolts (38-75mm) (supplied)
Warranty	2 Years

