

FMD

FM radio high power dipole 87.5-108MHz

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	304 grade stainless steel
Frequency range	FM band 87.5-108MHz
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 hardware	Stainless steel V-blocks/U-bolts - 38-75mm, supplied
Warranty	2 Years

