

VHF Roof Mount Antenna

70-87MHz & 148-174MHz

HPM-RM Series

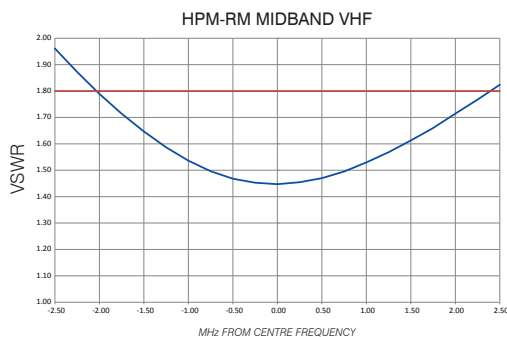


The HPM-RM Series VHF roof mount antennas are a range of flexible, helically loaded $\frac{1}{4}$ wave antennas for roof mount installations. They are ideal for applications where height restrictions prohibit the use of standard $\frac{1}{4}$ wave antennas.

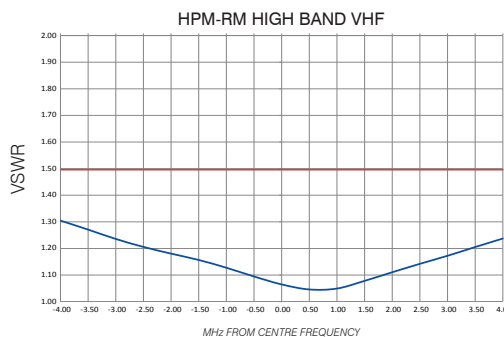
The HPM-RM Series is supply factory tuned covering 70-87MHz & 148-174MHz bands and fits a standard MB9 antenna base. The lower section of the antenna is a moulded former while the upper section is a helically wound stainless steel section providing a flexible antenna suited for high restricted areas. The antennas are ideal in mining application based on its height & flexibility.

Features:

- Helically loaded $\frac{1}{4}$ wave antenna which stands less than 440mm tall
- Factory tuned covering 70-87MHz and 148-174MHz
- Extremely flexible



Typical VSWR VHF Mid Band



Typical VSWR VHF High Band



Antenna does not include MB9 base shown

Electrical Specifications

Model Number	HPM-RM Series							
Model No's	HPM-RM-070073	HPM-RM-072075	HPM-RM-075078	HPM-RM-077083	HPM-RM-082087	HPM-RM-148156	HPM-RM-156165	HPM-RM-165174
Frequency MHz	70-73.5	72-75	75-78	77-83	82-87	148-156	156-165	165-174
Nominal Gain	-3dB over a ¼ wave							
VSWR	<1.8:1					<1.5:1		
Power W	25							
Tuning	Factory Tuned							
Nominal Impedance Ω	50							

Mechanical Specifications

Model Number	HPM-RM Series							
Model No's	HPM-RM-070073	HPM-RM-072075	HPM-RM-075078	HPM-RM-077083	HPM-RM-082087	HPM-RM-148156	HPM-RM-156165	HPM-RM-165174
Frequency MHz	70-73.5	72-75	75-78	77-83	82-87	148-156	156-165	165-174
Whip length	430	420	400	380	355	370	350	330
Frequency identifier	▼ Green	▼ Red	▼ Blue	▼ Yellow	▼ White	▲ Red	▲ Blue	▲ Yellow
Mounting	Suit MB9 antenna base (not included)							
Cable / Connector	Not included, order seperately							