

# WS-HM-S5

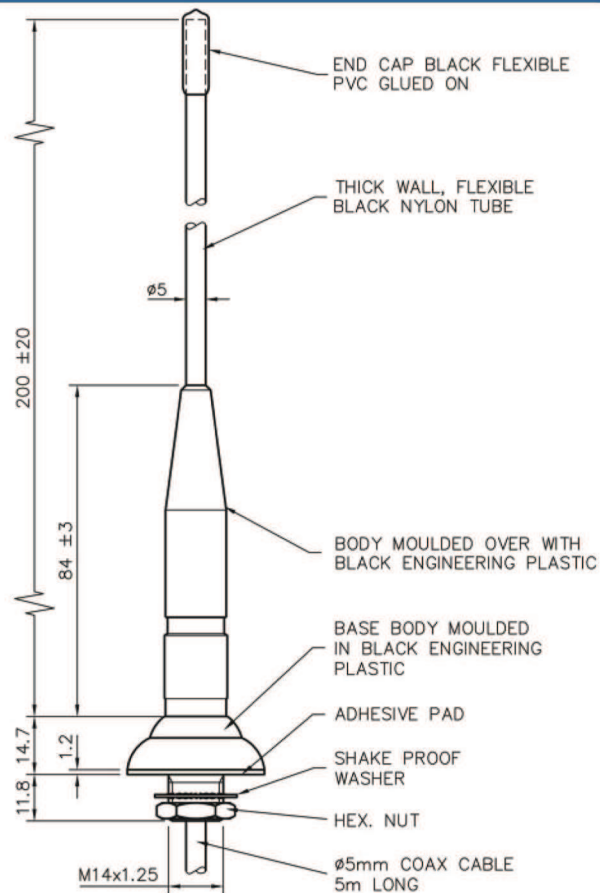


- Rugged application
- Flexible whip
- Ground plane independent

The HM range of antennas are designed to not need a ground plane and can therefore be mounted on any surface.

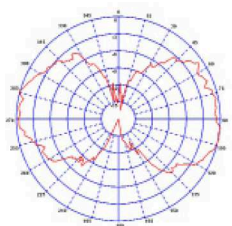
The HM antenna range has a rugged design with a flexible nylon whip. The base is moulded in engineering plastic and fixed in place by a M14 nut.

## Technical Drawing

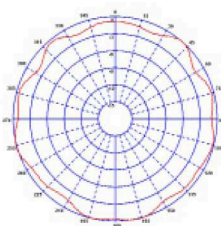


# 850 MHz

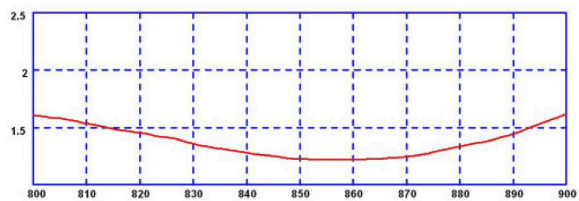
E-Plane (840MHz)



H-Plane (840MHz)



Typical VSWR



<b>Part No.</b>		WS-HM-S5
<b>Electrical Data</b>		
Frequency Range (MHz)	804-870	
Operational Band	S5	
Gain: Isotropic	5dBi	
Compared to ¼ wave	3dB	
VSWR	Tx ≤ 1.5:1, Rx ≤ 2:1	
Polarisation	Vertical	
Pattern	Omni-directional	
Impedance	50Ω	
Max Input Power (W)		
<b>Mechanical Data</b>		
Dimensions (mm)	Whip Length	200
	Base Height	15
	Base Diameter	35
Operating Temp (°C)	-40° / +80°C	
Material	Engineering plastic	
Colour	Black	
<b>Mounting Data</b>		
Fixing	Panel mount	
Hole Size (mm)	14	
<b>Cable Data</b>		
Type	URM76	
Thickness (mm)	5	
Length (m)	5	
Termination	Various connectors available	