



## Product Data Sheet

### Magnetic Mount Antennas

# TETRA UHF

## Magnetic Antenna



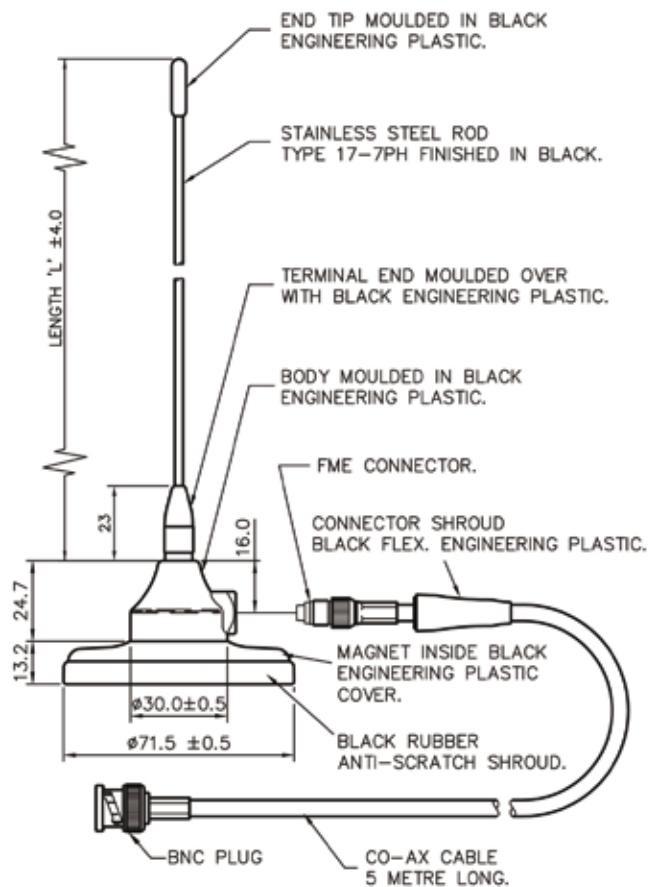
MD

Temporary fit  
Easy removal  
Strong magnetic retention

The MD range of antennas is a popular choice for public safety vehicles that require a temporarily fixed antenna. It is also ideal for leased vehicles. The tough magnetic base will grip the antenna to the roof or boot but leave no evidence that it was ever there, once repositioned or removed.

Available in all standard TETRA bands and also to customer specific frequencies.

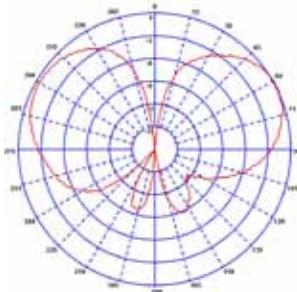
### Technical Drawing



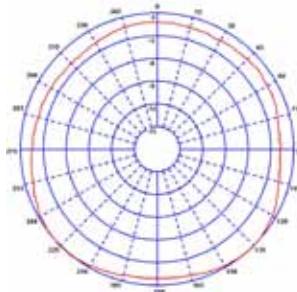
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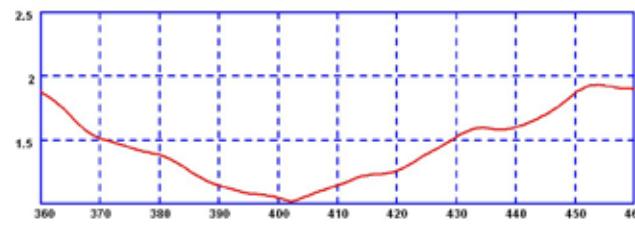
E-Plane (390MHz)



H-Plane (390MHz)



Typical VSWR\*



\*measured on a 1m x 1m groundplane

Part No.	MD-R1-5B	MD-R2-5B	MD-TET-5B	MD-S4-5B
<b>Electrical Data</b>				
Frequency Range (MHz)	300-334	350-370	380-430	450-470
Operational Band	R1	R2	TET	S4
Gain: Isotropic	2dBi	2dBi	2dBi	2dBi
Compared to ¼ wave	0dB	0dB	0dB	0dB
Bandwidth @ 2:1 VSWR	10%	10%	10%	10%
Polarisation	Vertical	Vertical	Vertical	Vertical
Pattern	Omni-directional	Omni-directional	Omni-directional	Omni-directional
Impedance	50Ω	50Ω	50Ω	50Ω
Max Input Power (W)	50	50	50	50
<b>Mechanical Data</b>				
Dimensions (mm)	Whip Length	201	179	163
	Base Height	37.9	37.9	37.9
	Base Diameter	71.5	71.5	71.5
Operating Temp (°C)	-40° / +80°C		-40° / +80°C	-40° / +80°C
Material	Engineering plastic		Engineering plastic	Engineering plastic
Colour	Black		Black	Black
<b>Mounting Data</b>				
Fixing	Magnetic mount		Magnetic mount	Magnetic mount
<b>Cable Data</b>				
Type	URM76		URM76	URM76
Thickness (mm)	5		5	5
Length (m)	5		5	5
Termination	BNC Plug		BNC Plug	BNC Plug

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