

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.

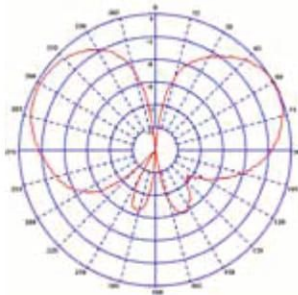
Available in all standard TETRA bands and also to customer specific frequencies.

Technical Drawing

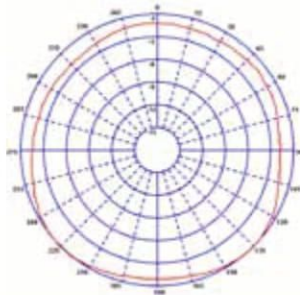
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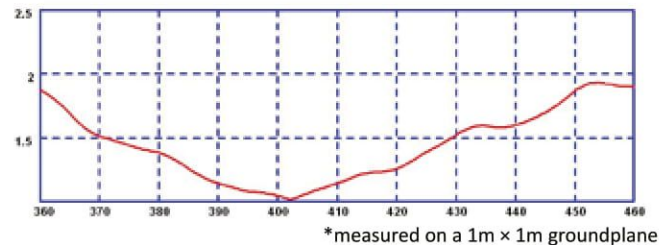
E-Plane (390MHz)



H-Plane (390MHz)



Typical VSWR*



Part No.				
	MD-R1-5B	MD-R2-5B	MD-TET-5B	MD-S4-5B
Electrical Data				
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
Mechanical Data				
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	-40° / +80°C
Material	Engineering plastic	Engineering plastic	Engineering plastic	Engineering plastic
Colour	Black	Black	Black	Black
Mounting Data				
Fixing	Magnetic mount	Magnetic mount	Magnetic mount	Magnetic mount
Cable Data				
Type	URM76	URM76	URM76	URM76
Thickness (mm)	5	5	5	5
Length (m)	5	5	5	5
Termination	BNC Plug	BNC Plug	BNC Plug	BNC Plug

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