

Section 5

CELLULAR MOBILE PHONE ANTENNAS

Updated 12 January 2012

MAGM90T Wireless Internet Modem Antennas with Magnetic Base

Frequency	Gain
NEXT G : 825 – 890 MHz or GSM : 890 – 960 MHz	5 dBi



The **MAGM90T** series portable indoor antennas with magnetic base deliver 5 dBi gain and will enhance the reception of your wireless internet modem. Alternatively, they can also be connected to a cellular mobile phone.

- ⇒ Model “**MAGM90T800**” is for the **NEXT G** network.
- ⇒ Model “**MAGM90T900**” covers the **GSM** network frequency.

Ideal for indoor use, the magnetic base adheres to any flat metal surface. Easy to set-up, easy to remove and the detachable whip makes the antenna easy to store when not required.

These compact portable antennas stand just 32.5 cm tall and are factory tuned for better than 1.5:1 VSWR across the full band.

The 4 cm diameter magnetic base is manufactured from moulded plastic with nickel plated brass fittings. An FME Male connector is housed inside the base. The black powder coated detachable stainless steel whip fits onto the 6 mm – 26 TPI thread.

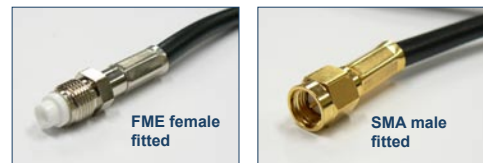
The antenna is supplied with a 5 metre RG58 low loss solid core cable set with connectors fitted.

- ⇒ The **FME female connector** attaches into the antenna base.
- ⇒ The **SMA male connector** attaches into the modem or cellular mobile phone.

Other connector options can be provided by special order.



SPECIFICATIONS	MAGM90T800	MAGM90T900
Construction	Magnetic base, moulded black plastic with nickel plated brass fittings, black powder coated stainless steel whip, 6 mm – 26 TPI thread	
Cellular Mobile Phone Network Coverage	NEXT G 825 to 890 MHz	GSM 890 to 960 MHz
VSWR	Better than 1.5:1 across the full band	
Tuning	Factory	
Nominal Gain	5 dBi	
Maximum Power	5 Watts	
Impedance	50 Ohms	
Polarisation	Vertical	
Connector	FME Male inside base	
Cable Set Supplied	5 metres RG58 low loss solid core coaxial cable with FME Female and SMA Male connectors fitted	
Height	32.5 cm	
Weight	60 grams	
Mounting	4 cm diameter Magnetic Base adheres to any flat metal surface	



Reception indoors will vary depending upon the antenna location. Best results will be obtained by positioning the antenna near to the window or outer wall, rather than in the centre of the building.