

Section 7

DATA LINK ANTENNAS

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MAGM90T800 NEXT G Modem Antenna with Magnetic Base

Frequency
825 – 890 MHz

Bandwidth
NEXT G



The MAGM90T800 antenna with magnetic base is for use with a NEXT G modem operating in the frequency range 825 to 890 MHz. This compact portable model stands 32.5 cm tall and delivers 5 dBi gain.

The antenna is also suitable for a Next G cellular mobile phone.

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

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 x 26 TPI thread.

The antenna is supplied with a 3 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 Next G modem or cellular mobile phone.

Other connector options are available.



SPECIFICATIONS	MAGM90T800
Construction	Magnetic base, moulded black plastic with nickel plated brass fittings, black powder coated stainless steel whip, 6 mm x 26 TPI thread
Cellular Mobile Phone Network Coverage	NEXT G, 825 – 890 MHz
VSWR	Less 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	3 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 onto any flat metal surface

