

Section 5

CELLULAR MOBILE PHONE ANTENNAS

Updated 18 February 2011

NEXT G and GSM Whips, Bases and Cable Sets

Frequency
825 – 960 MHz

Bandwidth
NEXT G or GSM



For reception of a cellular mobile phone network, a phased whip may be fitted to a base and then mounted in a variety of locations, either fixed or mobile. The various options available appear below.

M90T (Next G) whip

- ↻ For the **NEXT G** network
- ↻ 825 – 890 MHz full band
- ↻ 5.1 dBi gain
- ↻ 30 cm tall
- ↻ Stainless steel, open phasing coil, powder coated black
- ↻ 6 mm thread in mount ferrule



M90T (GSM) whip

- ↻ For the **GSM** network
- ↻ 890 – 960 MHz full band
- ↻ 5.1 dBi gain
- ↻ 25 cm tall
- ↻ Stainless steel, open phasing coil, powder coated black
- ↻ 6 mm thread in mount ferrule

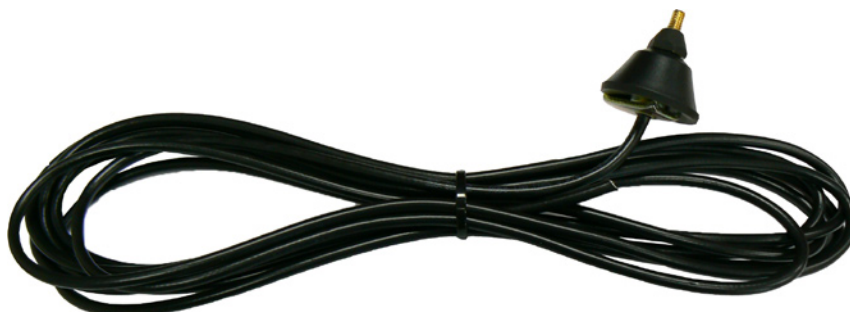
XB mounting base

- ↻ Suit either **M90T (Next G)** or **M90T (GSM)** whip
- ↻ 6 mm thread
- ↻ No cable, no connector (available separately)



XB4.7 mounting base and cable set

- ↻ Suit either **M90T (Next G)** or **M90T (GSM)** whip
- ↻ 6 mm thread
- ↻ 4.7 metres of RG58 low loss solid core cable fitted to the base (may be cut shorter if desired)
- ↻ No connector (specify and order separately)



XB4.7

MGB-XB magnetic mounting base and cable set

- ↻ Suit either **M90T (Next G)** or **M90T (GSM)** whip
- ↻ 6 mm thread
- ↻ Magnetic base 10.5 cm diameter
- ↻ 4.7 metres of RG58 low loss solid core cable fitted to the base (may be cut shorter if desired)
- ↻ No connector (specify and order separately)

The perfect choice for hire cars or when driving different vehicles in a fleet



MGB-XB

The **MGB-XB** magnetic antenna base is manufactured from steel with an attractive polished black powder coat finish. 10.5 cm in diameter, the strong magnet will positively secure the antenna base to any flat metal surface with no slippage. Most typically, this base is used on the roof of a vehicle and removed when not required. The PVC matted pad on the bottom will prevent scratching the surface to which the base is applied.