

Section 5

**DATA LINK
ANTENNAS**

Updated 21 February 2011

**SGDB-TPM
Multiband NEXT G and GSM
Cellular Mobile Phone Antenna**

Frequency
825 – 960 MHz

Bandwidth
NEXT G and GSM combined



For Data Link applications anywhere across the NEXT G and GSM cellular mobile phone frequency range 825 to 960 MHz, our popular SGDB-TPM multiband antenna with 6.2 dBi gain offers an effective solution.

Available with either a Black, Brown or White radome and standing 80 cm tall, there are two ways to mount this antenna...

Mount Method 1

Bolt the antenna top into **any bracket** with 13 mm diameter hole. (minimum)

The stainless steel GM1 "L" bracket has 2 drilled holes for securing to any vertical panel.



SGDB-TPM

Antenna Top Only (no spring)

Black, White or Brown radome colour

6.2 dBi gain
80 cm tall

Mount Method 2

Order part 4266, the threaded aluminum mast mount adaptor.

150 mm long x 25 mm in diameter.

Screw the antenna top into the threaded mast mount adaptor.

Clamp the adaptor and antenna to a mast or hockey stick bracket.



SGDB-TPM key features:

- Effective performance with 6.2 dBi gain.
- Multiband coverage of both **Next G and GSM** networks combined.
- Modest size at 80 cm tall.
- Robust construction ensuring a long service life.



Route the 5 metre RG58 low loss cable indoors and secure in position.

An FME Female connector is fitted to the cable.

Other connectors are available upon request.