

SGDB-TPM series

Mobile phone/wireless data improvement
All networks 4G and 3G 825-960 & 1710-2190MHz



In-stock
Ready to
Ship
* Signifies build to
order item

At some remote locations, inside a building or whilst travelling, mobile phone and wireless data reception can often be poor, the SGDB-TPM is an adaptable antenna for mounting outdoors at your home or office.

Mounting hardware, adaptors, bird-proofing and other installation accessories are all available separately.



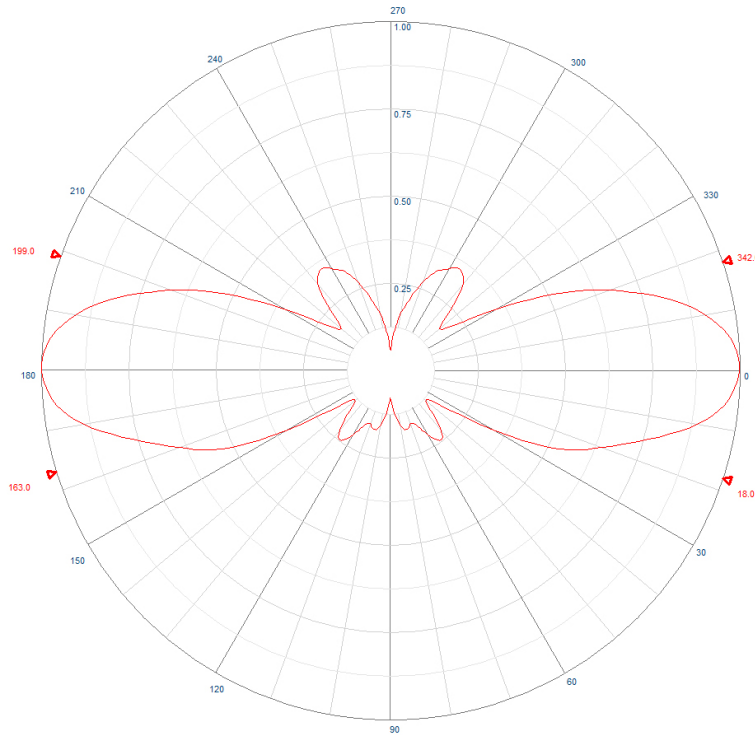
Radome colour	Black SGDB-B-TPM	White SGDB-W-TPM*	All Black SGDB-BLKR-TPM*
Construction	Coloured fibreglass radome, aluminium mount ferrule, external cable assembly and termination		Black fibreglass radome, black ferrule and external cable
Frequency range	All networks 4G and 3G 825-960MHz & 1710-2190MHz (for 4G LTE 700MHz model see SG700-4GX-TPM)		
Bandwidth	Full frequency ranges stated		
VSWR	<1.6:1		
Tuning	Factory		
Gain	6.2dBi at 825-960MHz and 3dBi at 1710-2190MHz		
Maximum power	30 Watts		
Impedance	50 Ohms		
Polarisation	Vertical		
H Plane	360° omni-directional		
E Plane	32°		
Cable	5 metres MIL-SPEC RG58 low loss - side exit from ferrule		
Connector	FME female fitted to cable as standard or specify requirements		
Height	800mm		
Weight	700grams		
Mounting hardware order separate	Bracket: GM1, GM2, GM6 or A-6211 Mast Mount: A-4266 series - using 2 x EB1-SS or 1 x UB3-SS Magnetic base: MGB Or any minimum 13mm hole		
Mounting position recommended	As high on your structure/tower or building as possible, using the appropriate mounting hardware.		
Installation tools required	19mm or 3/4" spanner for securing nut		



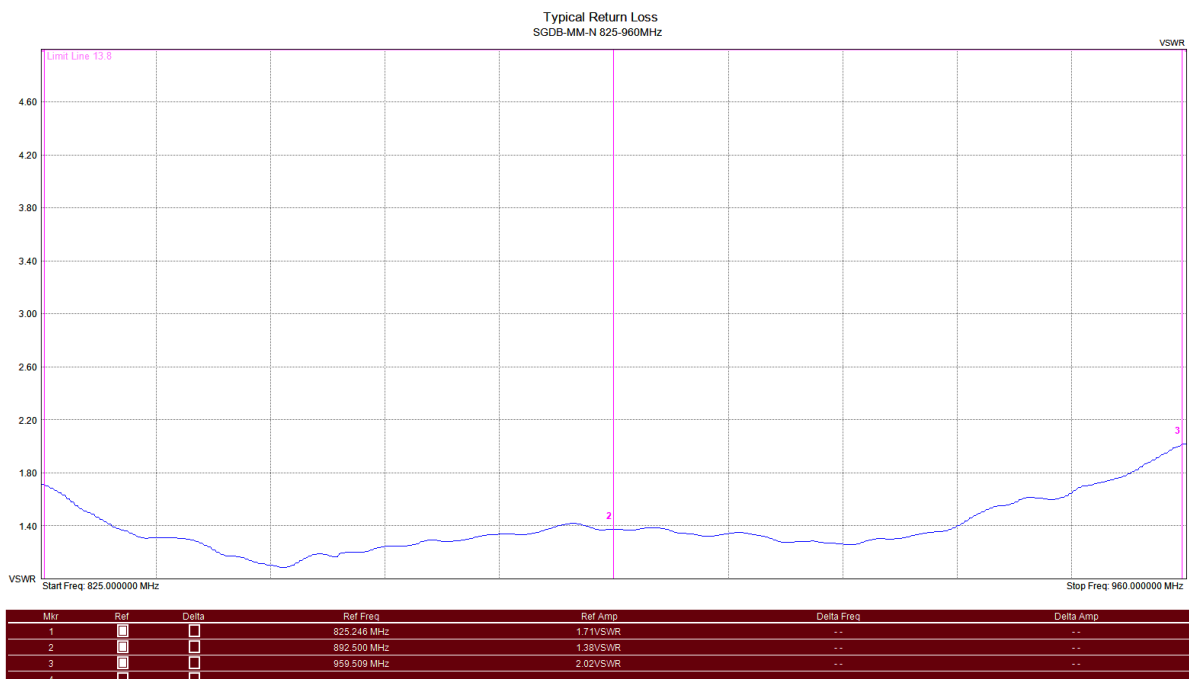
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Example radiation pattern




Typical VSWR at 820-960MHz

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A-4266 series - aluminium mast mount adaptor

Requires 2 x EB1-SS, 1 x UB3-SS or 2 x RB8 or 1 x UB2-SS
Can be used with CFB series or A-2654-2




GM1 - 304 stainless steel 'L' fascia mount bracket
16mm hole
Requires mounting screws/ bolts - not supplied



A-6211 - 304 stainless steel 'L' fascia mount bracket
16mm hole, 200mm offset
Requires mounting screws/ bolts - not supplied




MGB
Powdercoated black internal magnet mount base
16mm hole
105mm diameter
includes scratch reduction pad on base



CFB series - Galvanised steel 'J' hockey stick brackets, 1.1 - 2.1 metres.

Requires A-4266 series + 2 x EB1-SS or 1 x UB2-SS



A-2654-2 - Aluminium pole extension 1.1 metres includes pole mounting brackets.

Requires A-4266 + 2 x EB1-SS or 1 x UB2-SS



Alternate Spring base

A-1269 - 'Barrel' stainless steel spring base with 1/2" bolt and spring washer

Requires 19mm spanner



Alternate Spring base

A-1270 - Parallel heavy-duty mount spring, includes base mount bolt

Requires 19mm spanner



Alternate Spring base

A-1269-12 - 'Barrel' stainless steel spring base with threaded stud and split nut

Requires 19mm spanner



Alternate Spring base

A-1269-14 - 'Barrel' stainless steel spring base with 50mm base extension. Suitable for behind bull bar mounting or wing mirror bracket mounting


Requires 19mm spanner

Typical alternate connectors



P/N 7963-7
SMA male termination
Suits mobile/telemetry devices.

Also available in right-angle configuration, alternate gender or reverse polarity



P/N 7933-2
N-type male termination
Suits mobile/telemetry devices

Also available in right-angle configuration or alternate gender