



SGDB-T10

Mast Mount Mobile Phone/Wireless Data Improvement

All networks 4G and 3G 825-960 & 1710-2190MHz



The SGDB-T10 super gain telemetry antenna is a popular choice to improve your mobile phone or wireless data reception.



The SGDB-T10 is different from the standard SGDB due to the capability of mast mounting to a pole or vertical mast and the cable exiting the bottom of the mounting section.

Mounting hardware, adaptors, connectors and other installation accessories are all available separately.

Construction	Black fibreglass radome, aluminium ferrule and mast mount, cable assembly and termination
Frequency range	All networks 4G and 3G and Wireless data 825-960MHz & 1710-2190MHz
Bandwidth	Full frequency range
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	10 metres MIL-SPEC RG58 low loss - bottom exit from mount section
Connector	Gold plated SMA male fitted as standard or specify requirements
Height	900mm
Weight	900grams
Mount section	150mm x 24mm - machined aluminium
Mounting hardware order separate	Parallel: 2 x EB1-SS or 1 x UB3-SS Right-angle: 2 x RB8 or 1 x UB2-SS
Mounting position recommended	Mount as high on your structure, mast or tower using the appropriate mounting clamp/s.



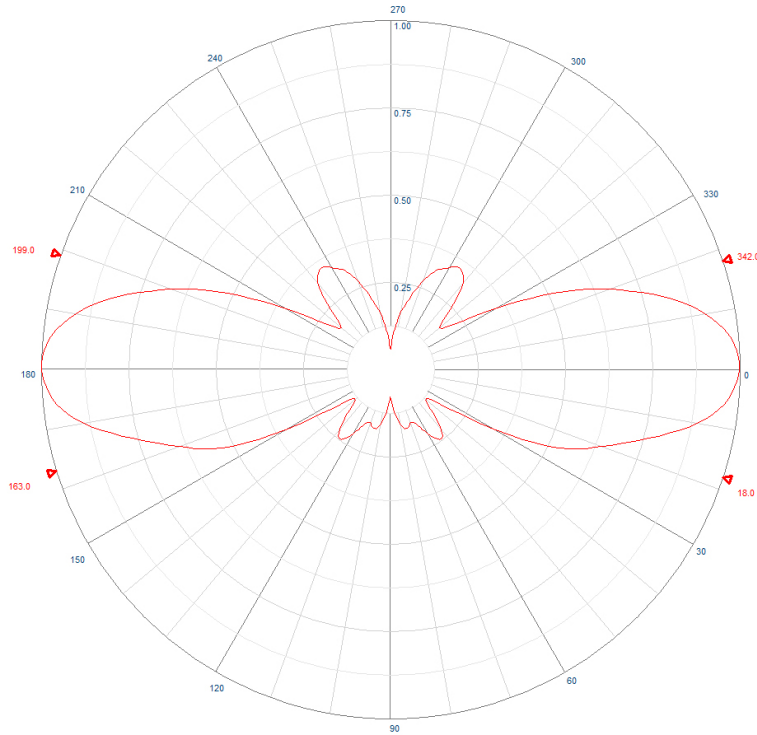
Gold plated SMA male fitted as standard or specify requirements



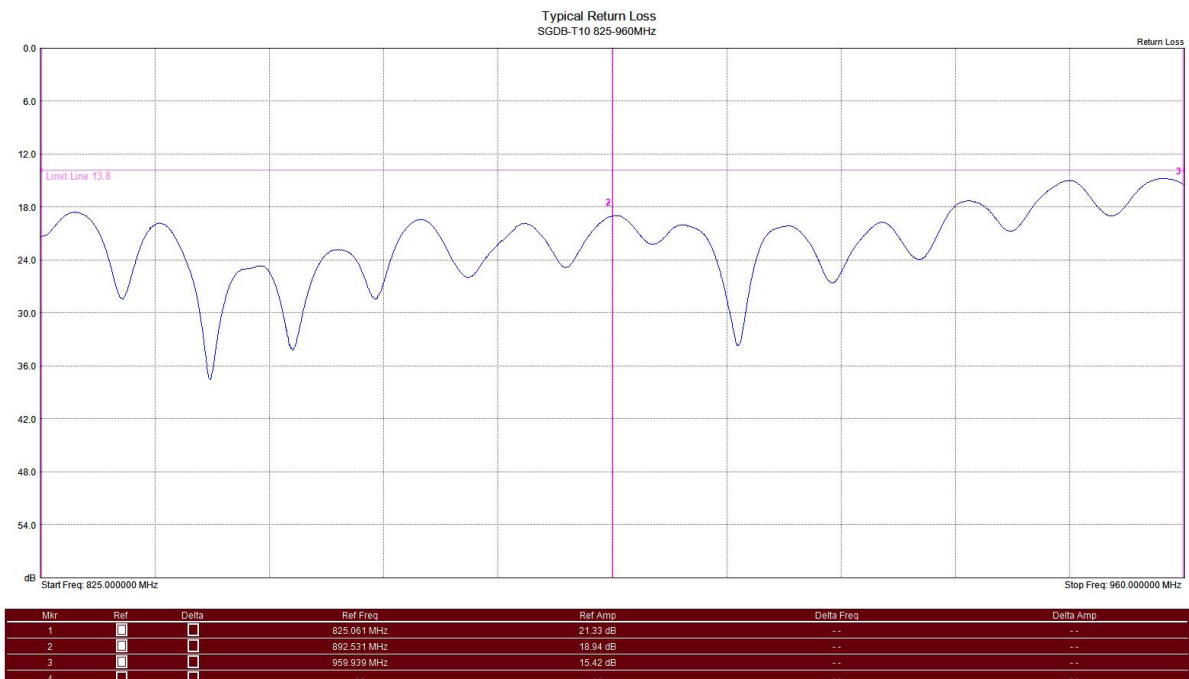
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Example radiation pattern




Typical Return Loss - Lower 4G & 3G



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

Requires mounting screws/bolts and mounting hardware for antenna




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

Requires mounting hardware for antenna



SFB Series - galvanised steel pole extension 0.9-2.0 metres
Roof or overhang mounting

Requires mounting screws/bolts and mounting hardware for antenna




A-2307 - 6-piece aluminium & fibreglass mast - 6.68m

Includes: insulated top, guy wires, spigots and base bracket.



EB1-SS - requires 2 304 stainless steel parallel clamp

Boom: 20-40mm capability
Mount pole: 25-45mm capability



UB3-SS
304 stainless steel parallel clamp

Boom: 20-32mm capability
Mount pole: 20-50mm capability



RB8 - requires 2 Galvanised steel right-angle clamp


Boom: 20-40mm capability
Mount pole: 20-40mm capability



UB2-SS
304 stainless steel right-angle clamp

Boom: 20-50mm capability
Mount pole: 20-50mm capability

Typical alternate connectors



P/N 7963-4
Reverse gender SMA male termination

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



P/N 7976
FME female termination

Also available in right-angle configuration or alternate gender



P/N 7933-2
N-type male termination

Also available in right-angle configuration or alternate gender