



SGDB-SS-S

Oceanic sealed mobile phone/wireless data improvement
All networks dualband 4G 825-960 MHz & 1710-2190 MHz



Our SGDB-SS-S is specifically designed and manufactured for a marine environment install where mobile phone and wireless data receive and transmit improvement or telemetry/data transfer is required.

The antennas radiating internals are completely oceanic sealed to ensure no water or moisture ingress inside which could reduce performance and life span. This antenna can also be mounted in an inverted configuration.

Mounting hardware, coaxial feeder cable, connectors and other installation accessories are all available separately.

Construction	Black fibreglass radome, 304 stainless steel mount ferrule and mount adaptor, external coaxial cable and termination
Frequency range	825-960 MHz & 1710-2190 MHz - all networks dualband 4G
Bandwidth	Full frequency ranges stated
VSWR	<1.6:1 at 825-940 MHz <2:1 at 940-960 MHz <3.5:1 at 1710-2190 MHz
Tuning	Factory
Gain	6.2 dBi 825-960 MHz and 3 dBi 1710-2190 MHz
Maximum power	30 Watts
Impedance	50 Ohms
Polarisation	Vertical
DC grounding	Yes
H Plane	360° omnidirectional
Connector	FME female fitted as standard or specify requirements
Cable	1.0m RG58A/U stranded side exit from ferrule or specify length requirements
Height	900mm
Weight	1.2kg
Mounting section	150mm x 24mm - solid 304 stainless steel
Mounting hardware order separate	See following pages for suitable mount hardware
Mounting position recommended	Mount as high on your mast/tower or structure as possible using the appropriate clamp/s.
Installation requirements	Waterproofing amalgamation tape SKU: A-8574 and PVC tape SKU: A-8651-0 for all terminations.

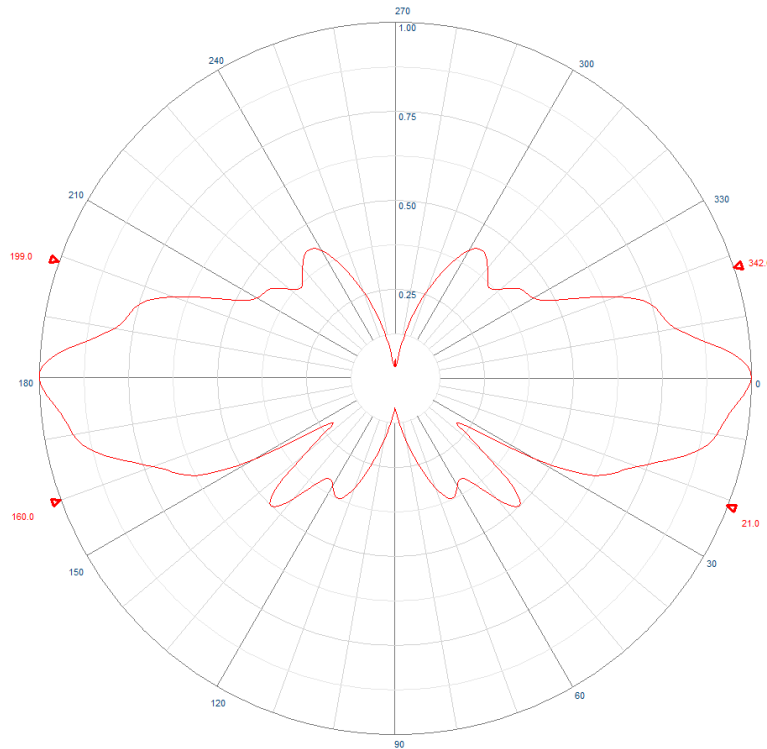


FME female fitted to cable as standard or specify requirements

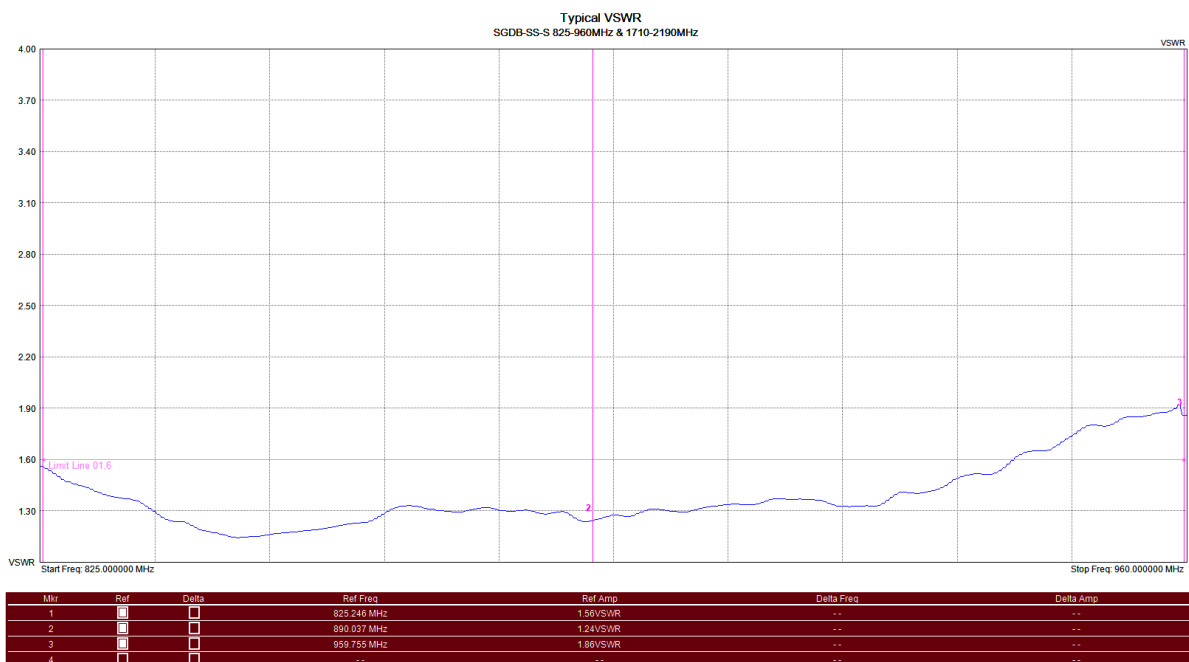


SGDB-SS-S

Oceanic sealed mobile phone/wireless data improvement
All networks dualband 4G 825-960 MHz & 1710-2190 MHz




Example radiation pattern



Typical VSWR 825-960 MHz


SGDB-SS-S

Oceanic sealed mobile phone/wireless data improvement
All networks dualband 4G 825-960 MHz & 1710-2190 MHz




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

Requires: mounting screws/ bolts and mounting hardware for antenna - see below



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


Requires: mounting screws/ bolts and mounting hardware for antenna - see below



SKU: SFB900
Galvanised steel pole extension 90mm available up to 2.0m
Roof or overhang mounting
Requires: mounting screws/ bolts and mounting hardware for antenna - see below



NBS
MAST & ACCESSORIES
NBS Anodised aluminium telescopic masts
2 to 6 sections
3-16 metre extended
Quick-install mounts available
[Contact us for more info.](#)



SKU: EB1-SS
2 units recommended
304 stainless steel parallel clamp
Boom: 20-40mm capability
Mount pole: 25-45mm capability



SKU: UB3-SS
304 stainless steel parallel clamp
Boom: 20-32mm capability
Mount pole: 20-50mm capability



SKU: RB8
2 units recommended
Galvanised steel right-angle clamp
Boom: 20-40mm capability
Mount pole: 20-40mm capability



SKU: UB2-SS
304 stainless steel right-angle clamp
Boom: 20-50mm capability
Mount pole: 20-50mm capability