

SG2000-MM

Mobile phone/wireless data improvement collinear

All networks upper 4G cellular 1920-2170 MHz

The SG2000-MM series are specifically designed for the 3G upper mobile phone network, and offers consistent and dependable performance with maximum efficiency, particularly where signal strength is poor.

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

Construction	White fibreglass radome, aluminium mount ferrule and cap, fixed aluminium mast mount adaptor and external coaxial cable
Frequency range	All networks 4G/3G upper 1.92-2.17 GHz
Bandwidth	Full frequency range stated - 250 MHz
VSWR	Average: <1.6:1 ; Maximum: <1.8:1
Tuning	Factory
Gain	6.2 dBi
Maximum power	30 Watts
Impedance	50 Ohms
Polarisation	Vertical
H Plane	360° omnidirectional
Cable	100mm MIL-SPEC RG58 low loss - bottom exit from mount adaptor
Connector	N-type female as standard, or specify requirements
Height	550mm
Weight	600grams
Mount section	150mm x 24mm - machined aluminium
Mounting hardware order separate	Mount pole: CFB series or A-2654-2 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 or tower as possible using appropriate mounting hardware



Aluminium cap reduces environmental damage and unwanted signal loss



Fixed aluminium mount adaptor section - requires mounting hardware



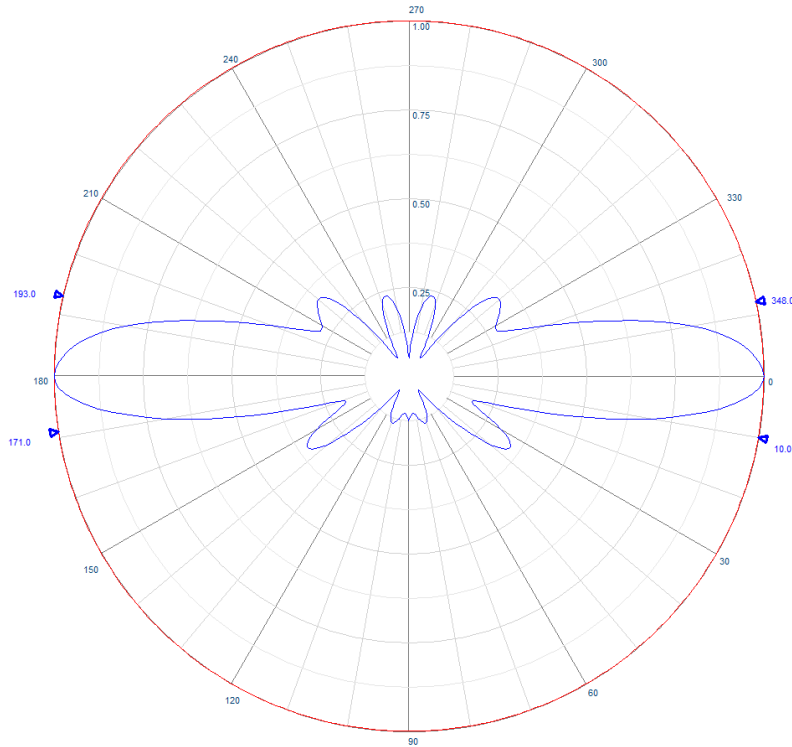
N-type female fitted to cable bottom exit from mount adaptor



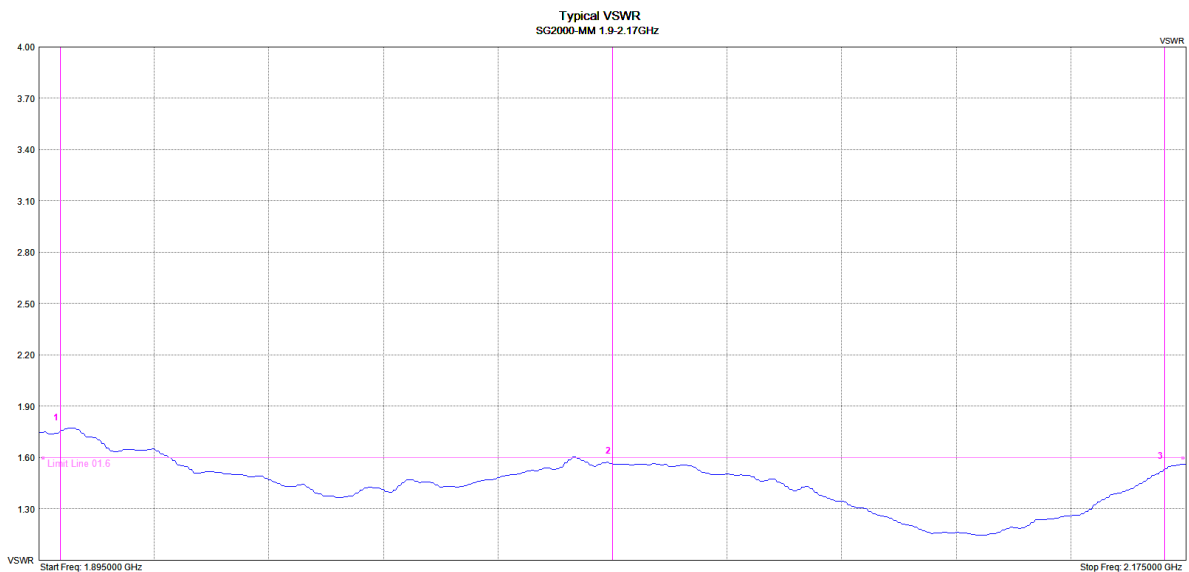
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Example radiation pattern



Mtr	Ref	Delta	Ref Freq	Ref Amp	Delta Freq	Delta Amp
1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1.900 GHz	1.78VSWR	--	--
2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2.025 GHz	1.58VSWR	--	--
3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2.170 GHz	1.53VSWR	--	--
4	<input type="checkbox"/>	<input type="checkbox"/>	--	--	--	--

Typical VSWR





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SKU: 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




SKU: 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




SKU: SFB* series**
Galvanised steel straight extension brackets, 0.9-2.1m models available

Requires 2 x EB1-SS or 1 x UB2-SS for antenna mounting




NBS Masts
Telescopic masts
Tilt-over masts
Lattice section mast

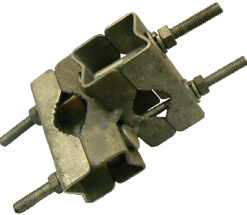
[Contact us directly for information, pricing and availability](#)



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 steel right-angle clamp
Boom: 20-50mm capability
Mount pole: 20-50mm capability

Typical alternate connectors



SKU: SM-7963-7
SMA male termination

Also available in right-angle configuration or alternate gender



SKU: FF-7976
FME female termination

Also available in right-angle configuration or alternate gender



SKU: NM-7933-2
N-type male termination

Also available in right-angle configuration or alternate gender