



## SGWB-MM Series

Mast mount mobile phone/wireless data improvement collinear

All networks 5G LTE & 4G LTE 700-960 MHz, 1710-2700 MHz & 3200-3700 MHz



In-stock  
Ready to  
Ship

\*Build to order  
item

The SGWB-MM range are mast mount collinears, designed and manufactured to improve your mobile phone and wireless data receive and transmit.

**Please note:** The SGWB-MM will not receive signal where no signal is present, please check your carrier coverage map for signal location/strength.

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

| SKU                              | SGWB-MM   | SGWB-MM-10   |
|----------------------------------|---|--|
| Construction                     | White tapered fibreglass radome, clear anodised aluminium ferrule and mast mount, and external cable assembly |  |
| Frequency range                  | All networks 5G LTE, 4G LTE & 4G<br>700-960MHz, 1710-2700MHz & 3200-3700MHz                                   |  |
| Bandwidth                        | Full frequency ranges stated  |  |
| VSWR                             | <2.5:1  |  |
| Tuning                           | Factory   |  |
| Nominal Gain                     | 3 dBi   |  |
| Maximum power                    | 10 Watts  |  |
| Impedance                        | 50 Ohms   |  |
| Polarisation                     | Vertical  |  |
| H Plane                          | 360° omnidirectional  |  |
| Cable                            | 1 metre black RG58 low loss, solid core, bottom exit from mast mount  | 10 metres black RG58 low loss, solid core, bottom exit from mast mount |
| Connector                        | SMA male fitted to cable as standard or specify requirements  |  |
| Height                           | 900mm   |  |
| Weight                           | 560grams  |  |
| Mount section                    | 150mm x 24mmØ - clear anodised aluminium  |  |
| Projected area                   | 0.012m <sup>2</sup>   |  |
| Wind load at 160kph              | 1.451kg, 0.014kN  |  |
| Mounting hardware order separate | See following pages for suitable mount hardware   |  |
| Mounting position recommended    | Mount as high on your structure ,mast or tower using the appropriate mounting clamp/s.                        |  |
| Installation requirements        | Waterproofing amalgamation tape SKU: A-8574 and PVC tape SKU: A-8651-0 for all terminations.                  |  |





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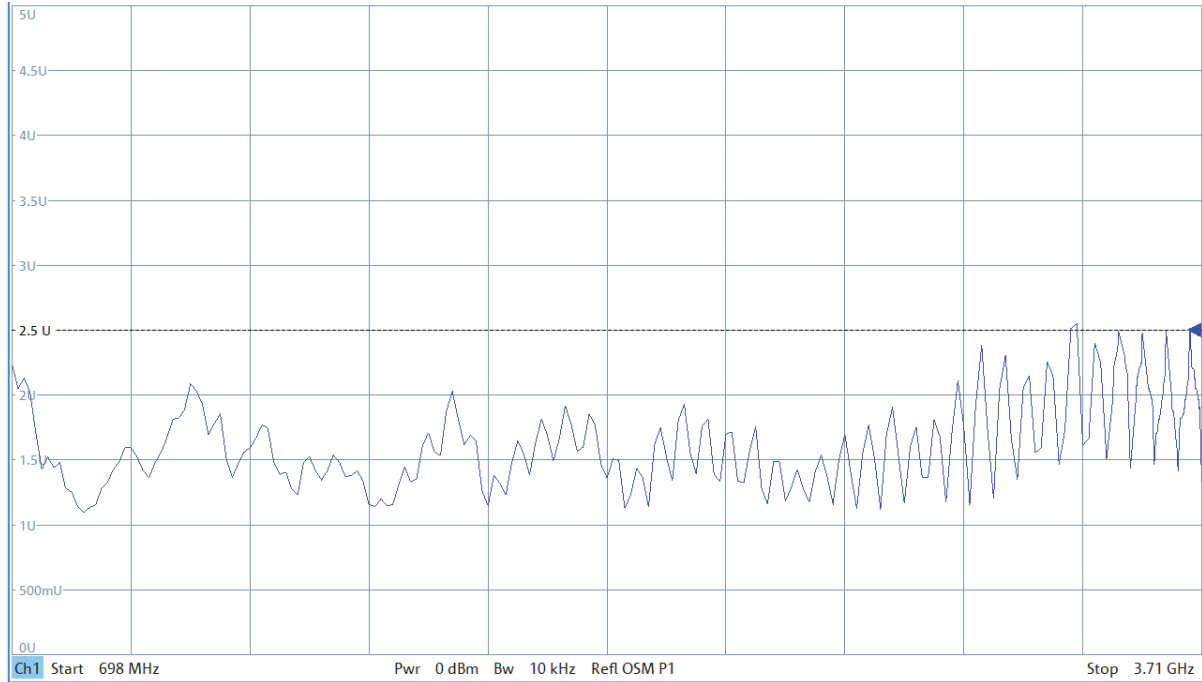
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Typical VSWR



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**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




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




**SKU: NSM-B20M**  
2 units recommended  
Machined toughen nylon wall/side mount  
20-22.2mm capability  
Requires 16mm hole. Mount bolts supplied



**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

Suitable feeder coaxial cable and connectors



**SKU: ADP-8281**  
FME female to SMA female straight inter-series coaxial adaptor



N-type male termination  
Suits telemetry devices

Also available in right-angle configuration or alternate gender