



# ZM09-CELLWB-Series

## Mobile phone/wireless data improvement



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

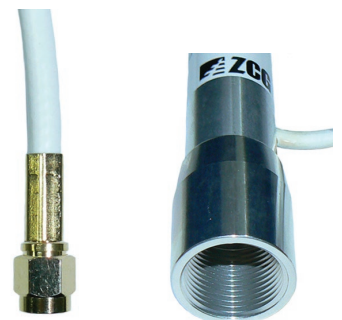
The ZM09-CELLWB Series mobile phone/wireless data antenna provides broadband coverage of all networks 5G LTE, 4G LTE and 4G with effective gain.



Please check your carriers coverage map for availability of signal in your area. The ZM09-CELLWB will not work where no signal is present.

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

	ZM09-CELLWB	ZM09-CELLWB-B
Construction	White tapered fibreglass radome, aluminium mount ferrule and white external cable	Black tapered fibreglass radome, aluminium mount ferrule and black external cable
Frequency range	All networks 5G LTE, 4G LTE & 4G 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 ± 0.5 dBd	
Cable	5 metres of white RG58 low loss side exit from ferrule	5 metres of black RG58 low loss side exit from ferrule
Connector	SMA male fitted to cable for ease of installation or specify requirements	
Height	790mm	
Weight	560grams	
Mounting hardware order separate	MM1/MM1-B plastic fold-down base or MM2 stainless steel MMA or MMA-SS mast mount adaptor for mast mounting Alternate: A-3050 adaptor and A-1270 spring base with 1/2" bolt	
Mounting position recommended	Mount the antenna as high on your structure or vessel as possible to ensure a true omni-directional signal.	



SMA male fitted as standard or specify requirements

1-1/4" UNS female thread in mount adaptor

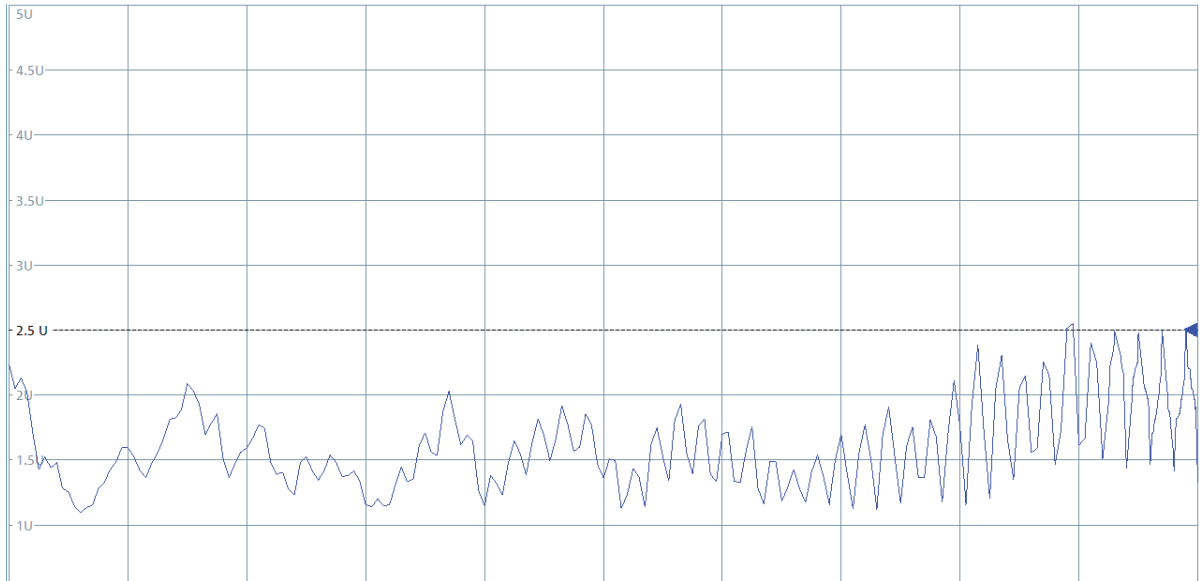


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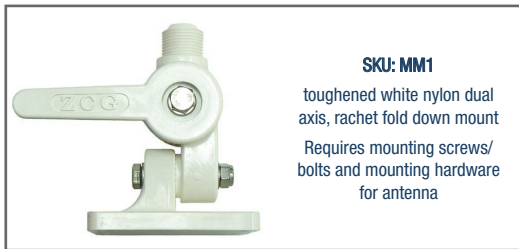
Typical VSWR

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Alternate mounting hardware



**SKU: MM1**  
toughened white nylon dual axis, ratchet fold down mount  
Requires mounting screws/ bolts and mounting hardware for antenna



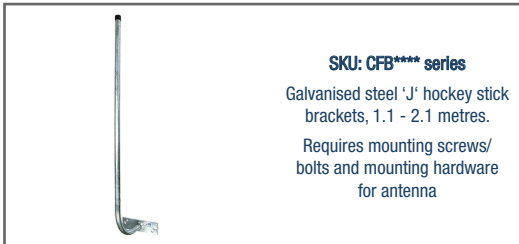
**SKU: MM2**  
316 stainless steel dual axis, ratchet fold down mount  
Requires mounting screws/ bolts and mounting hardware for antenna



**SKU: MMA**  
anodised aluminium mast mount adaptor 250mm  
**SKU: MMA-1200**  
anodised aluminium mast mount adaptor 250mm  
Requires mounting hardware EB1-SS or UB2-SS



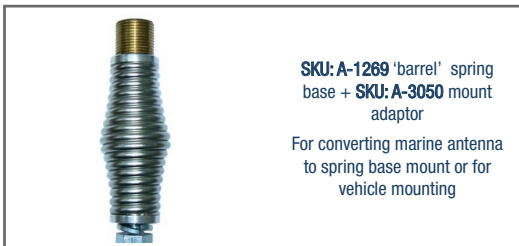
**SKU: MMA-SS**  
304 stainless steel mast mount adaptor 250mm  
Requires mounting hardware EB1-SS or UB2-SS



**SKU: CFB\*\*\* series**  
Galvanised steel 'J' hockey stick brackets, 1.1 - 2.1 metres.  
Requires mounting screws/ bolts and mounting hardware for antenna



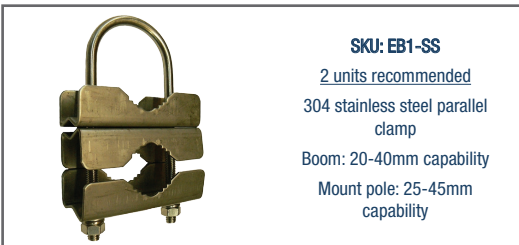
**SKU: SFB\*\*\* series**  
Galvanised steel pole extension 0.9-2.0 metres  
Roof or overhang mounting  
Requires mounting screws/ bolts and mounting hardware for antenna



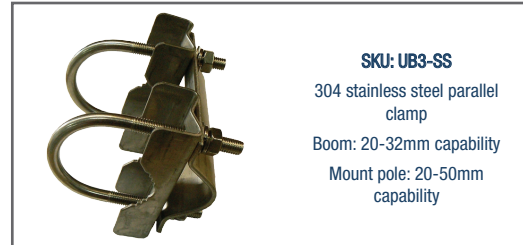
**SKU: A-1269** 'barrel' spring base + **SKU: A-3050** mount adaptor  
For converting marine antenna to spring base mount or for vehicle mounting



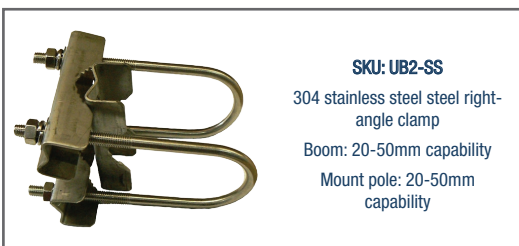
**SKU: A-1270** 'barrel' spring base + **SKU: A-3050** mount adaptor  
For converting marine antenna to spring base mount or for vehicle mounting



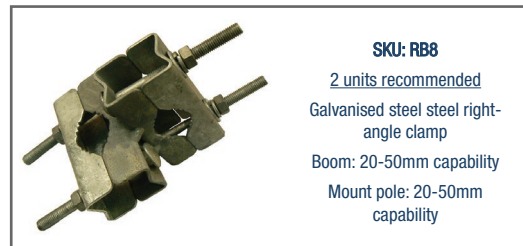
**SKU: EB1-SS**  
2 units recommended  
304 stainless steel parallel clamp  
Boom: 20-40mm capability  
Mount pole: 25-45mm capability



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



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



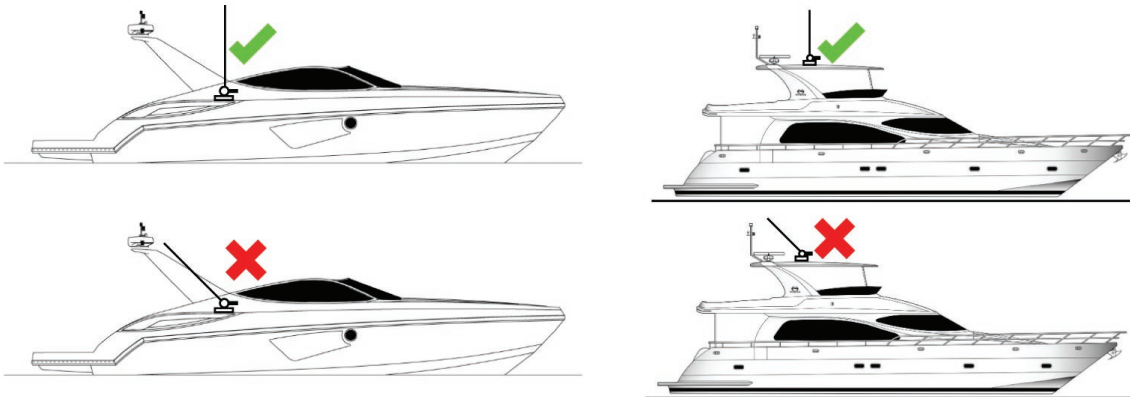
**SKU: RB8**  
2 units recommended  
Galvanised steel right-angle clamp  
Boom: 20-50mm capability  
Mount pole: 20-50mm capability

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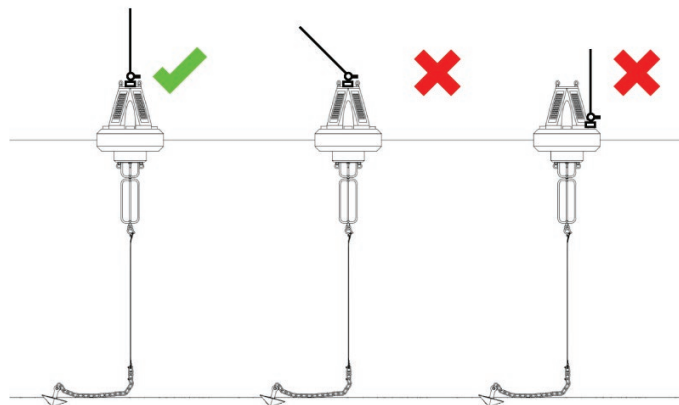
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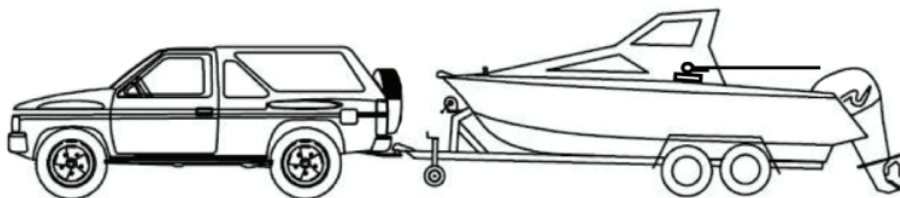
Recommended Installation orientation



Recommended Installation orientation - Buoy location



Recommended transportation orientation



ZCG recommend leaning/tilting the antenna down to parallel to the ground to eliminate any possible contact with overhead obstructions such as trees, overhead powerlines, entrance ways, roller doors or roof beams. Contact with obstructions will cause damage to your antenna or mounting surface.