



ZM09-CELLWB



Mobile phone/wireless data improvement

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

The ZM09-CELLWB 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.



Construction	White tapered fibreglass radome, aluminium mount ferrule and white 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
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

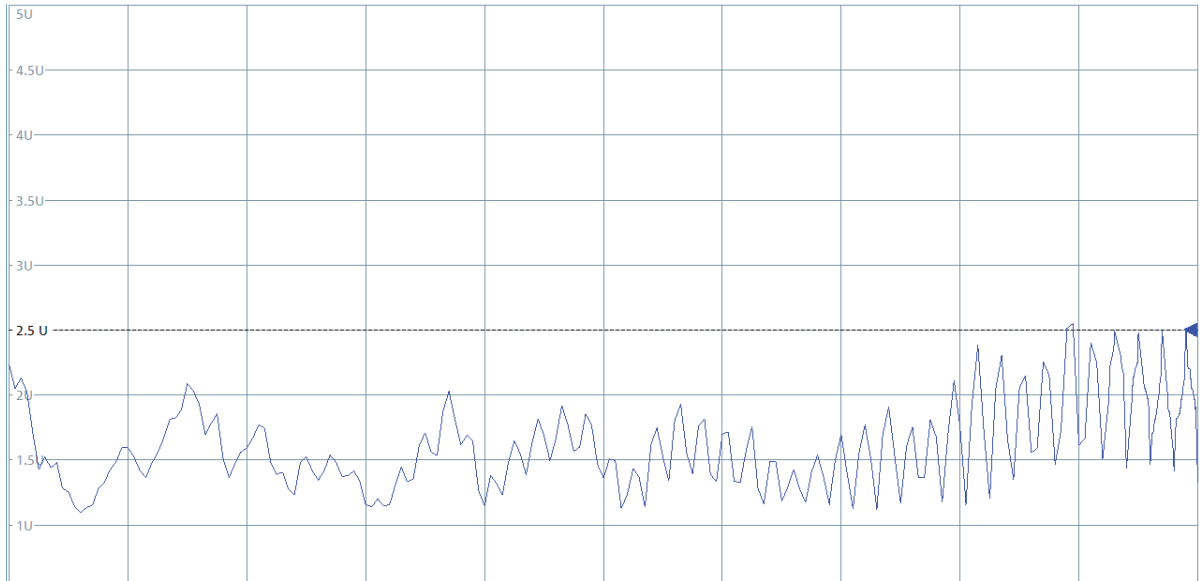


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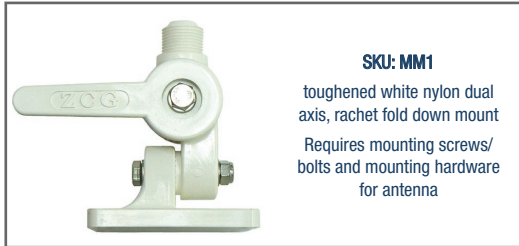
Typical VSWR

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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



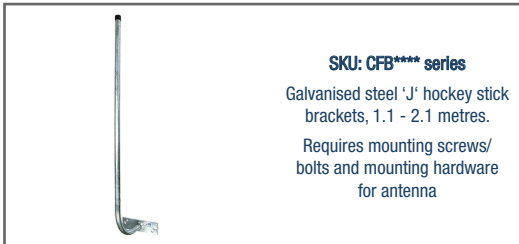
SKU: MM2
316 stainless steel dual axis, ratchet fold down mount
Requires mounting screws/ bolts and mounting hardware for antenna



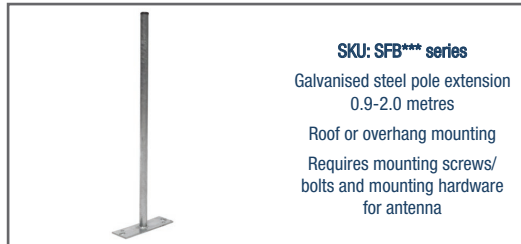
SKU: MMA
anodised aluminium mast mount adaptor 250mm
SKU: MMA-1200
anodised aluminium mast mount adaptor 250mm
Requires mounting hardware EB1-SS or UB2-SS



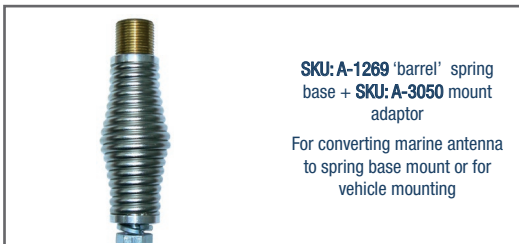
SKU: MMA-SS
304 stainless steel mast mount adaptor 250mm
Requires mounting hardware EB1-SS or UB2-SS



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



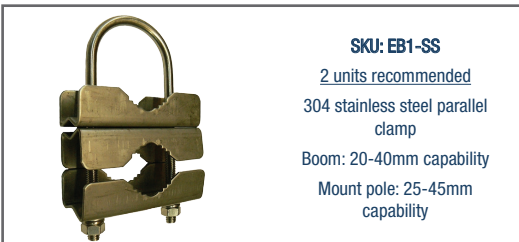
SKU: SFB* series**
Galvanised steel pole extension 0.9-2.0 metres
Roof or overhang mounting
Requires mounting screws/ bolts and mounting hardware for antenna



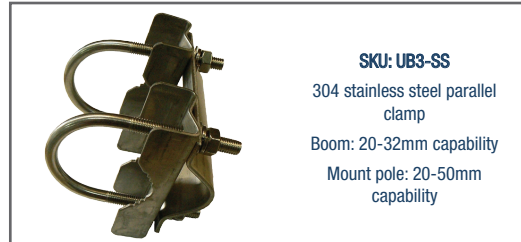
SKU: A-1269 'barrel' spring base + **SKU: A-3050** mount adaptor
For converting marine antenna to spring base mount or for vehicle mounting



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



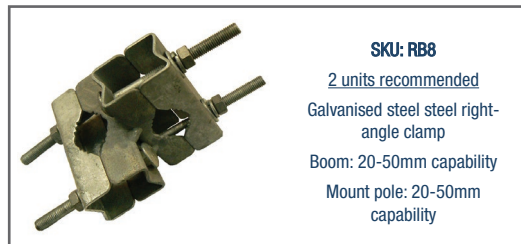
SKU: EB1-SS
2 units recommended
304 stainless steel parallel clamp
Boom: 20-40mm capability
Mount pole: 25-45mm capability



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



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



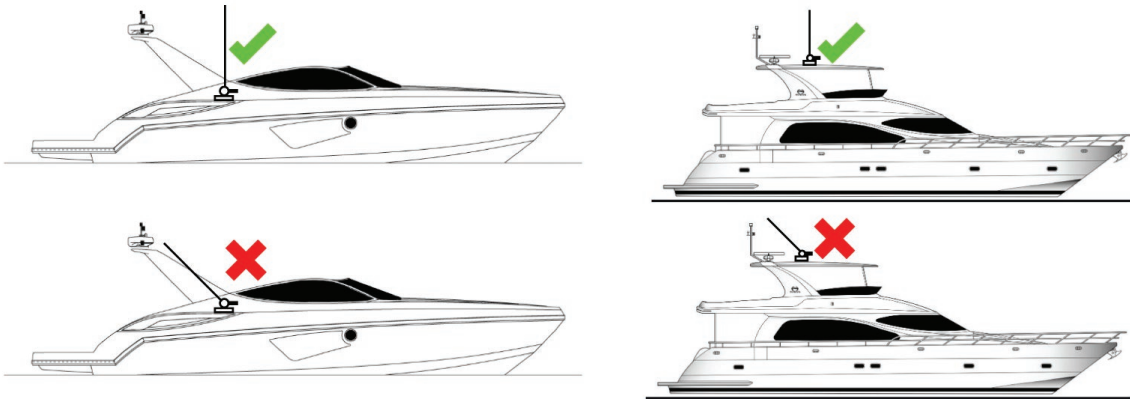
SKU: RB8
2 units recommended
Galvanised steel steel right-angle clamp
Boom: 20-50mm capability
Mount pole: 20-50mm capability

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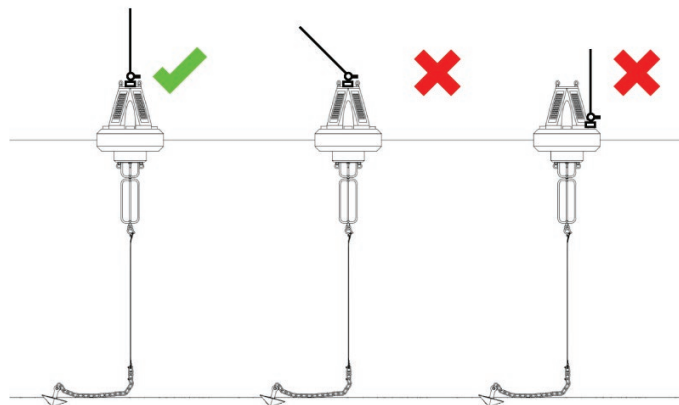
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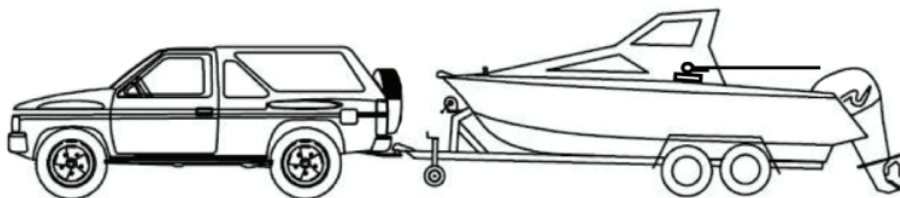
Recommended Installation orientation



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.