



ZM09-4GXWB

Mobile phone/wireless data improvement

Broadband 4G LTE + 4G Marine Cellular 700-2700 MHz



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

Please check your carriers coverage map for availability of signal in your area. The ZM09-4GXWB 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	700-2700 MHz - 4G LTE and 4G networks
Bandwidth	Full frequency ranges stated
VSWR	<2.5:1
Tuning	Factory
Gain	2.1 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	FME female fitted to cable for ease of installation or specify requirements
Height	750mm
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.



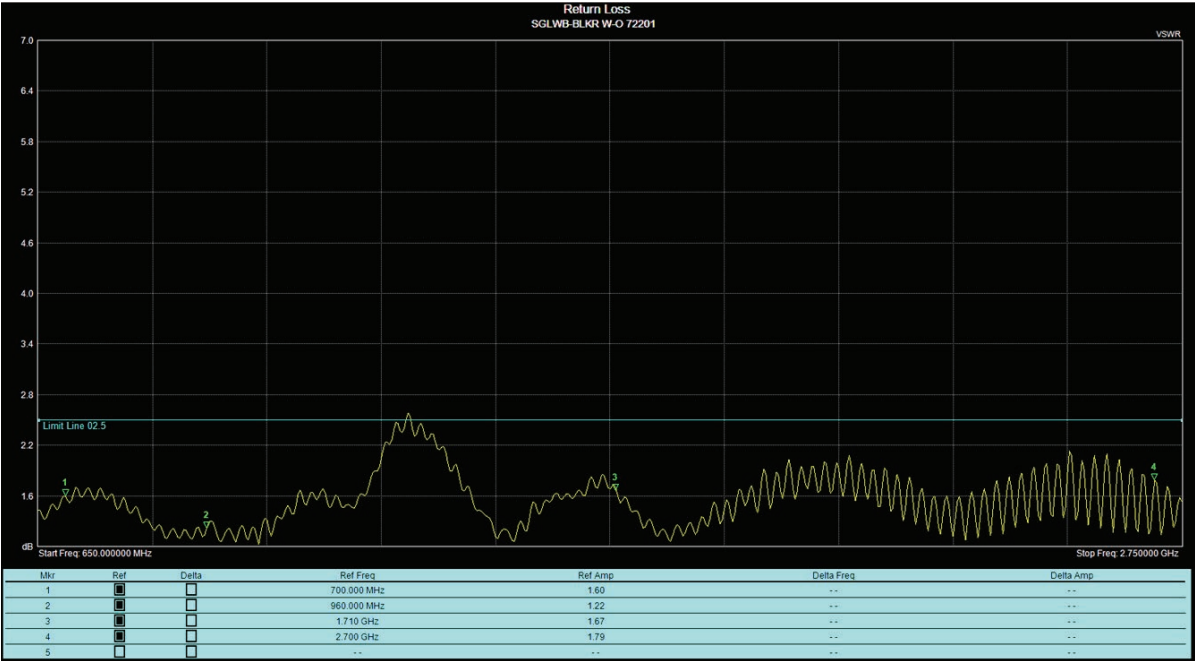
FME female fitted as standard or specify

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



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Typical Return Loss Plot

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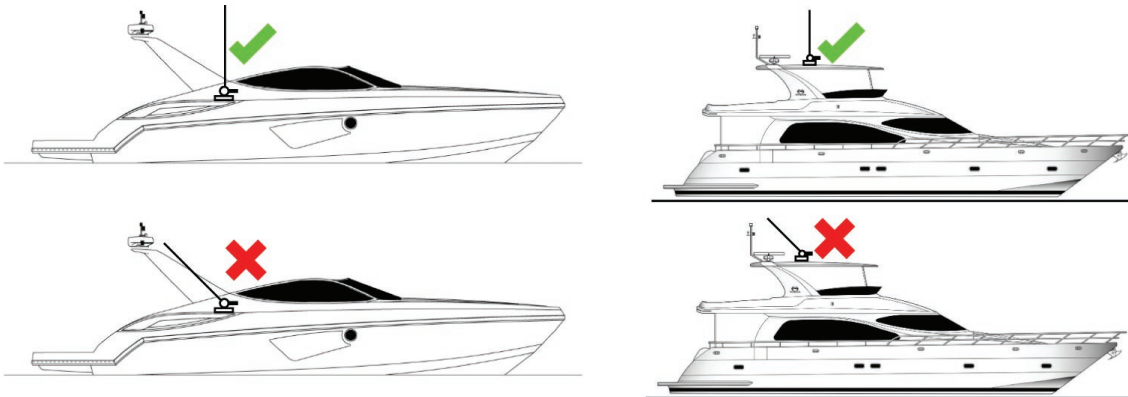
Alternate mounting hardware

 <p>SKU: MM1 toughened white nylon dual axis, ratchet fold down mount Requires mounting screws/ bolts and mounting hardware for antenna</p>	 <p>SKU: MM2 316 stainless steel dual axis, ratchet fold down mount Requires mounting screws/ bolts and mounting hardware for antenna</p>
 <p>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</p>	 <p>SKU: MMA-SS 304 stainless steel mast mount adaptor 250mm Requires mounting hardware EB1-SS or UB2-SS</p>
 <p>SKU: CFB*** series Galvanised steel 'J' hockey stick brackets, 1.1 - 2.1 metres. Requires mounting screws/ bolts and mounting hardware for antenna</p>	 <p>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</p>
 <p>SKU: A-1269 'barrel' spring base + SKU: A-3050 mount adaptor For converting marine antenna to spring base mount or for vehicle mounting</p>	 <p>SKU: A-1270 'barrel' spring base + SKU: A-3050 mount adaptor For converting marine antenna to spring base mount or for vehicle mounting</p>
 <p>SKU: EB1-SS <u>2 units recommended</u> 304 stainless steel parallel clamp Boom: 20-40mm capability Mount pole: 25-45mm capability</p>	 <p>SKU: UB3-SS 304 stainless steel parallel clamp Boom: 20-32mm capability Mount pole: 20-50mm capability</p>
 <p>SKU: UB2-SS 304 stainless steel right-angle clamp Boom: 20-50mm capability Mount pole: 20-50mm capability</p>	 <p>SKU: RB8 <u>2 units recommended</u> Galvanised steel right-angle clamp Boom: 20-50mm capability Mount pole: 20-50mm capability</p>

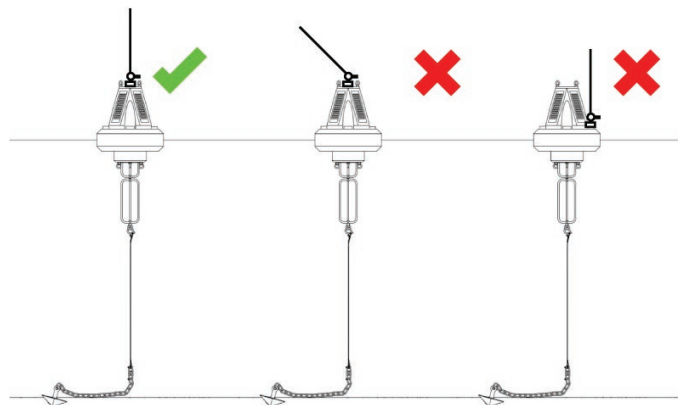
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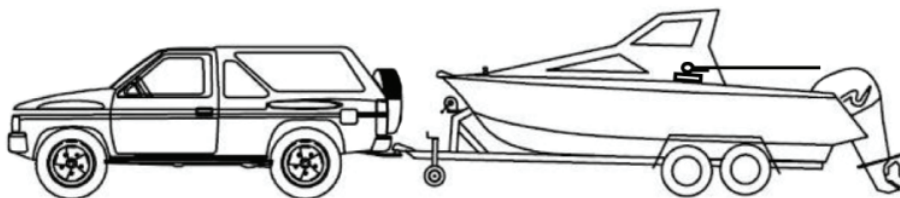
Recommended Installation orientation



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.