



## ZM09-477

### Deck or mast mount collinear Marine UHF 477MHz CB radio



The ZM09-477 marine UHF 477MHz CB antenna will significantly improve your UHF CB transmit and receive while at sea.

The ZM09-477 is compatible with all UHF CB radios on the market and is identical in appearance to the other ZM09 series of marine antennas.

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

Construction	White parallel fibreglass radome, aluminium mount ferrule, mount adaptor and external cable
Frequency range	UHF CB Radio 477MHz
Bandwidth	476.425 - 477.4125MHz - all 40/80 channels
Tuning	Factory
Gain	2.1 dBi
VSWR	<1.5:1
Impedance	50 Ohms
Polarisation	Vertical - do not lean/tilt once installed, only during transit
H Plane	360° omni-directional
Cable	4.5 metres white RG58 low loss - side exit from ferrule
Connector	UHF male solder connector PL259 supplied, not fitted
Height	900mm
Weight	800grams
Mounting hardware order separate	MM1 plastic fold-down base or MM2 stainless steel MMA or MMA-SS mast mount adaptor for mast mounting Alternate: A-3050 adaptor and 1270 spring base with 1/2" bolt
Mounting position recommended	Mount as high on your vessel/structure as possible ie. The roof or the deck.

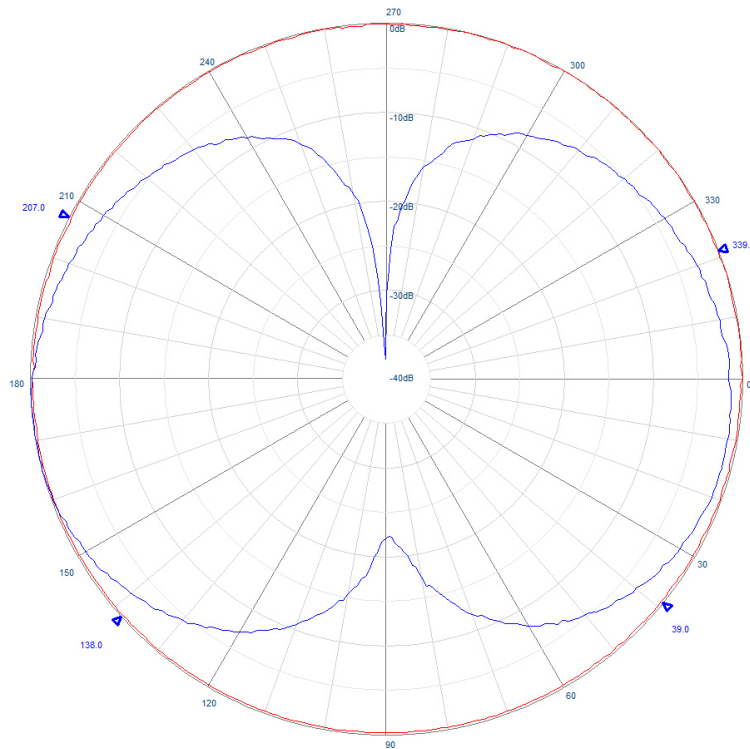


UHF male PL259 supplied not fitted

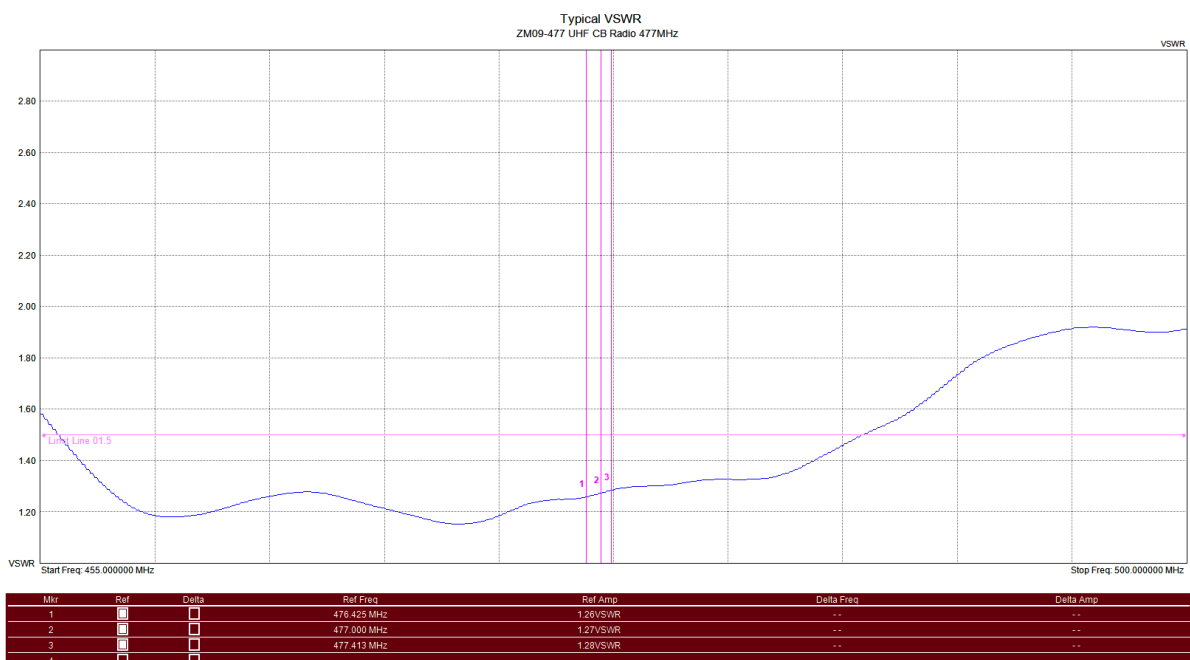


# ZM09-477

Deck or mast mount collinear  
Marine UHF 477MHz CB radio



Example radiation pattern





Typical VSWR

# ZM09-477

## Deck or mast mount collinear Marine UHF 477MHz CB radio

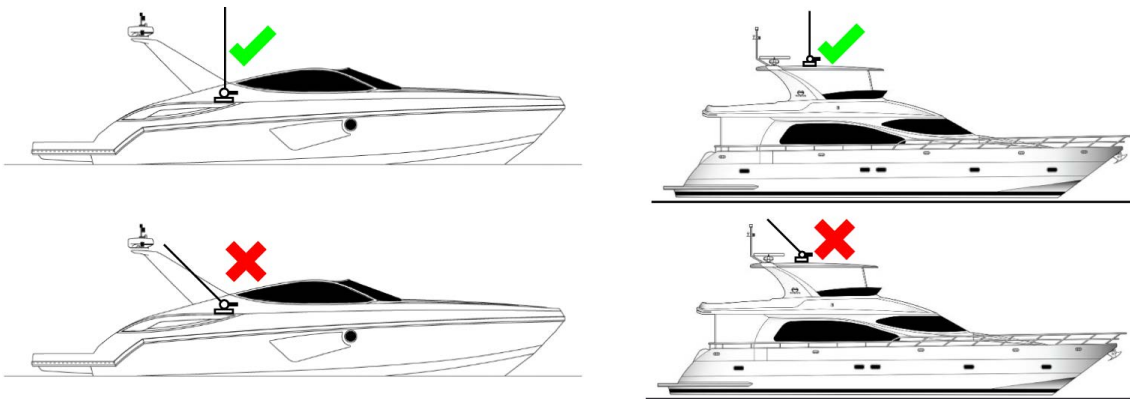
### Alternate mounting hardware

 <p>MM1 toughened white nylon dual axis, ratchet fold down mount</p> <p>Requires mounting screws/ bolts and mounting hardware for antenna</p>	 <p>MM2 316 stainless steel dual axis, ratchet fold down mount</p> <p>Requires mounting screws/ bolts and mounting hardware for antenna</p>
 <p>MMA series - anodised aluminium mast mount adaptor 250-1200mm</p> <p>Requires mounting hardware EB1-SS or UB2-SS</p>	 <p>MMA-SS - 304 stainless steel mast mount adaptor 250mm</p> <p>Requires mounting hardware EB1-SS or UB2-SS</p>
 <p>CFB series - Galvanised steel 'J' hockey stick brackets, 1.1 - 2.1 metres.</p> <p>Requires mounting screws/ bolts and mounting hardware for antenna</p>	 <p>SFB Series - galvanised steel pole extension 0.9-2.0 metres Roof or overhang mounting</p> <p>Requires mounting screws/ bolts and mounting hardware for antenna</p>
 <p>A-1269 'barrel' spring base + A-3050 mount adaptor</p> <p>For converting marine antenna to spring base mount or for vehicle mounting</p>	 <p>A-1270 'barrel' spring base + A-3050 mount adaptor</p> <p>For converting marine antenna to spring base mount or for vehicle mounting</p>
 <p>EB1-SS - requires 2 304 stainless steel parallel clamp</p> <p>Boom: 20-40mm capability Mount pole: 25-45mm capability</p>	 <p>UB3-SS 304 stainless steel parallel clamp</p> <p>Boom: 20-32mm capability Mount pole: 20-50mm capability</p>
 <p>UB2-SS 304 stainless steel right-angle clamp</p> <p>Boom: 20-50mm capability Mount pole: 20-50mm capability</p>	 <p>RB8 Galvanised steel steel right-angle clamp</p> <p>Boom: 20-50mm capability Mount pole: 20-50mm capability</p>

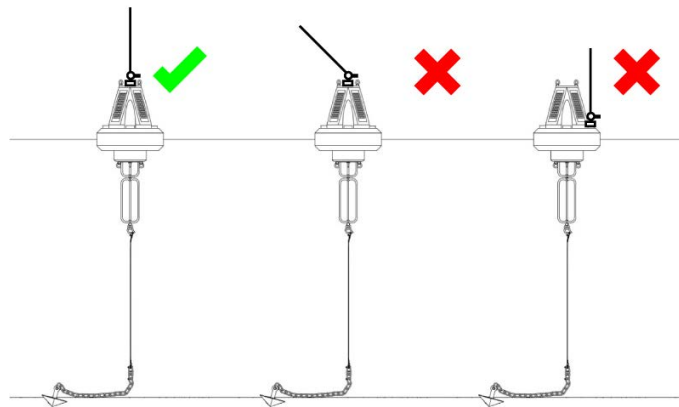
# ZM09-477

## Deck or mast mount collinear Marine UHF 477MHz CB radio

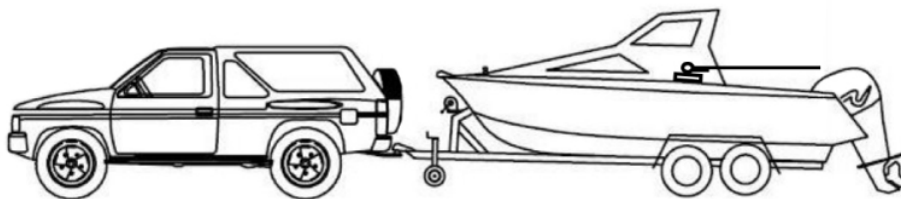
### Recommended Installation orientation



### 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.