

## ZM21-CELLN & ZM24-CELLN

Mobile phone/wireless data improvement  
Lower 4G/3G 825-890MHz

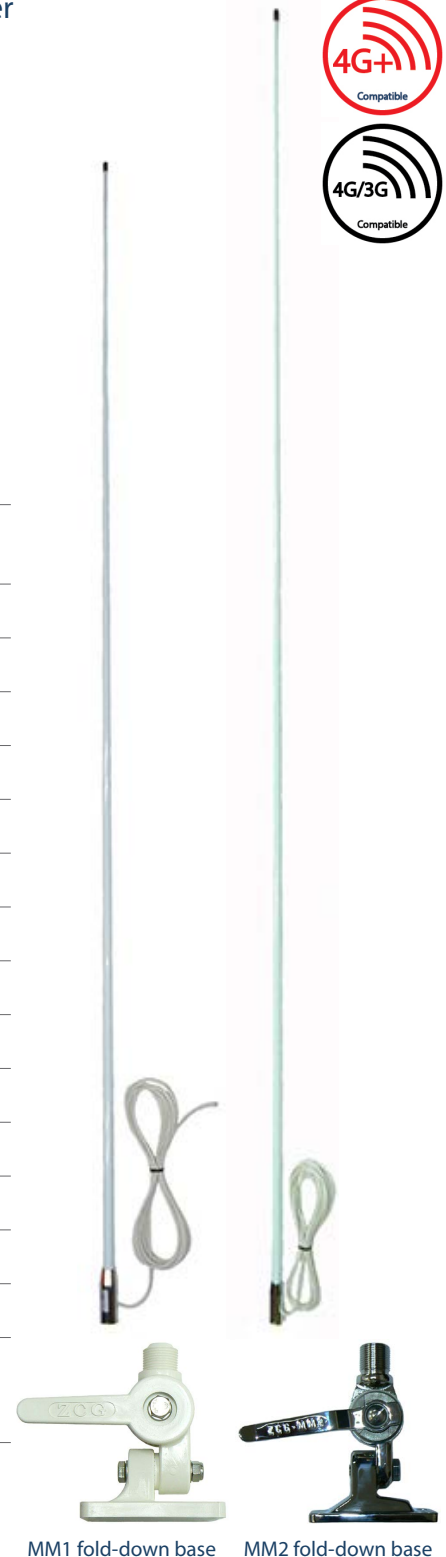
  
In-stock  
Ready to  
Ship

These marine mobile phone/wireless data deck mount models offer the maximum gain and reception range practical in a broadband Telstra 3G network antenna. The ZM21-CELLN is identical in appearance to all the other ZM21 series of marine antennas. The ZM24-CELLN is identical in appearance to all other ZM24 series of marine antennas.

Please check your carriers coverage map for availability of signal in your area. The ZM21-CELLN will not work where no signal is present.

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

	ZM21-CELLN	ZM24-CELLN
Construction	White fibreglass radome, chrome mount ferrule, external cable assembly and termination	
Frequency range	Lower 4G/3G 825-890MHz - Telstra within Australia	
Bandwidth	Full frequency range	
Tuning	Factory	
VSWR	<1.5:1	
Gain	8.1dBi	
Maximum power	30 Watts	
Impedance	50 Ohms	
Polarisation	Vertical - do not lean/tilt once installed, only during transit	
H Plane	360° omni-directional	
E Plane	13°	
Cable	5 metres white RG58 low loss - side exit from ferrule	
Connector	FME female fitted to cable - for ease of installation	
Height	2.1 metres	2.4 metres
Weight	1.0kg	1.1kg
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, deck or tower/mast.	

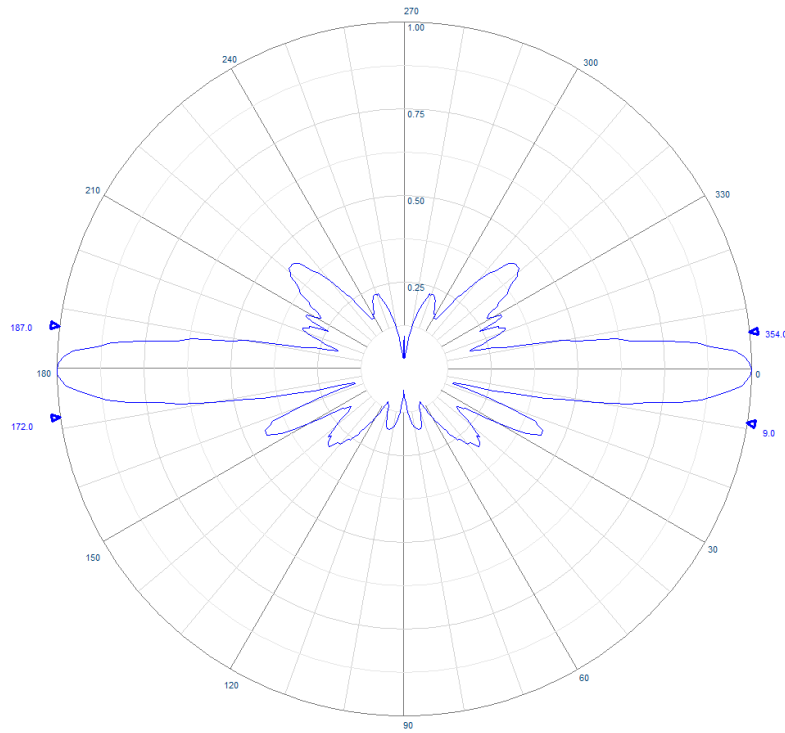


MM1 fold-down base    MM2 fold-down base

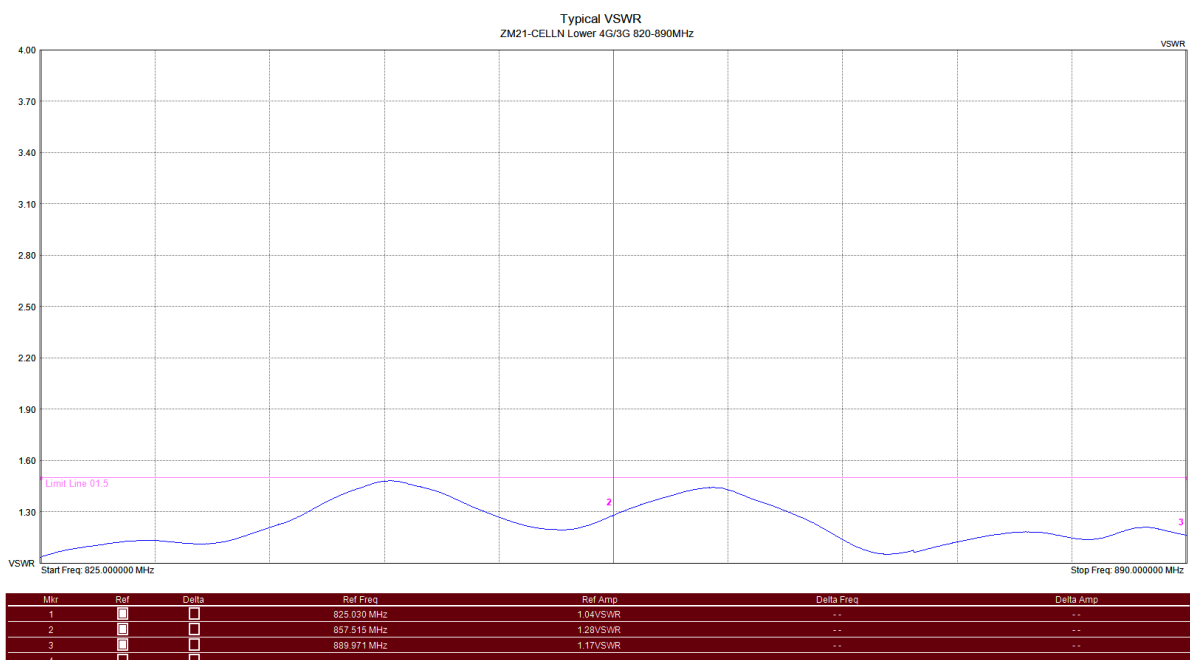
# ZM21-CELLN & ZM24-CELLN

Mobile phone/wireless data improvement  
Lower 4G/3G 825-890MHz

  
In-stock  
Ready to  
Ship



Example radiation pattern



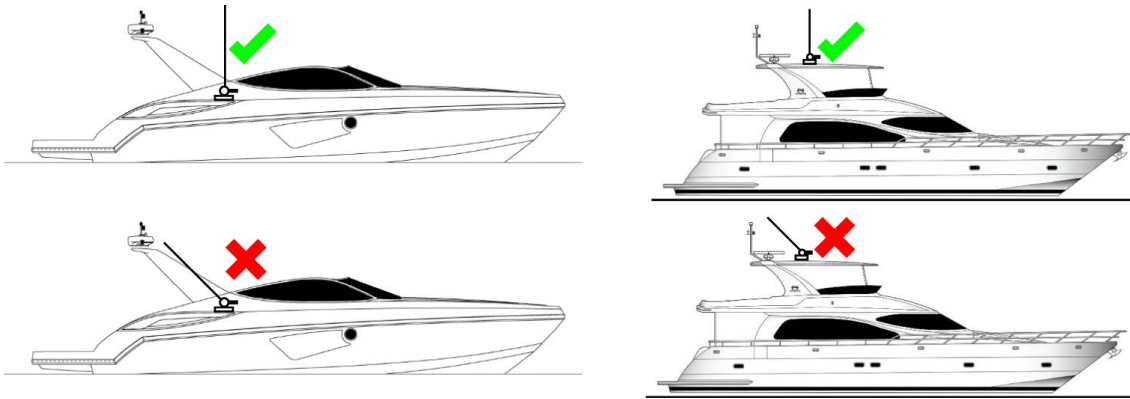
Typical VSWR

# ZM21-CELLN & ZM24-CELLN

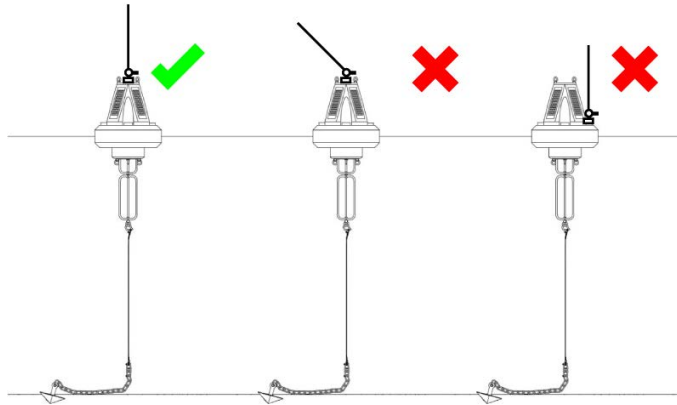
Mobile phone/wireless data improvement  
Lower 4G/3G 825-890MHz

  
In-stock  
Ready to  
Ship

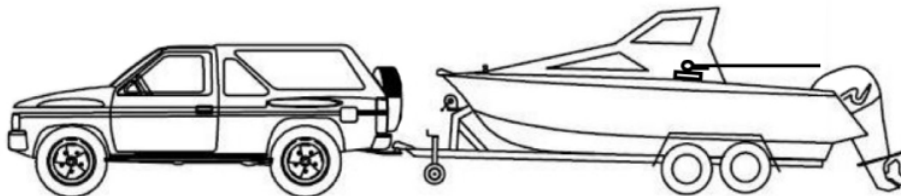
Recommended Installation orientation



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.