

## CM162-AIS-B-SS

### Omni-directional Buoy/bracket mounted collinear Automatic Identification System 161.975 - 162.025MHz

The CM162-AIS-B-SS antenna is specifically designed for mounting on the top of a ocean going buoy or on a suitable bracket for the Automatic Identification System (A.I.S.).

The benefit of AIS is that a vessels information such as weight, length, speed and destination is broadcast to all vessels in the near vicinity and online, to improve safety on the water.

Alternative mounting options, water-proofing, adaptors and other installation accessories are all available separately.

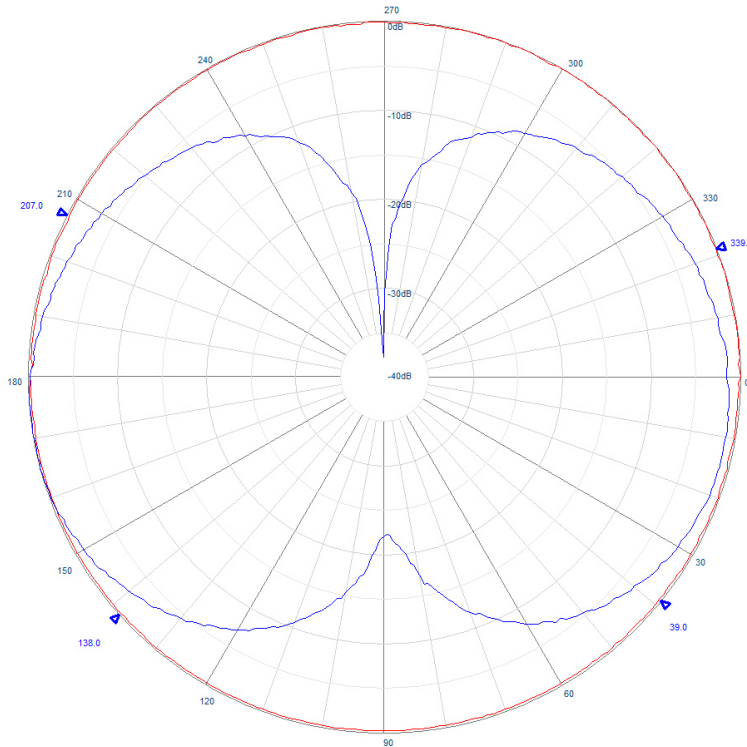
Construction	White tapered fibreglass radome, 304 stainless steel mount ferrule, securing nut, external coaxial cable and termination
Frequency range	AIS1 & AIS2 161.975 -162.025MHz
VSWR	<1.5:1
Tuning	Factory
Gain	2.1dBi
Maximum power	50 Watts
Impedance	50 Ohms
Polarisation	Vertical
H Plane	360° omnidirectional
Cable	1.85 metres white RG58 low loss bottom exit from mount ferrule
Connector	TNC male fitted as standard or specify requirements
Height	1.4 metres
Weight	900grams
Mounting hardware order separate	Minimum 20mm hole, M20 female thread or utilise appropriate mounting bracket.
Mounting position recommended	Mount as high on your buoy, vessel or structure as possible with no obstructions, to ensure a true omnidirectional pattern.
Installation tools required	spanner for securing nut



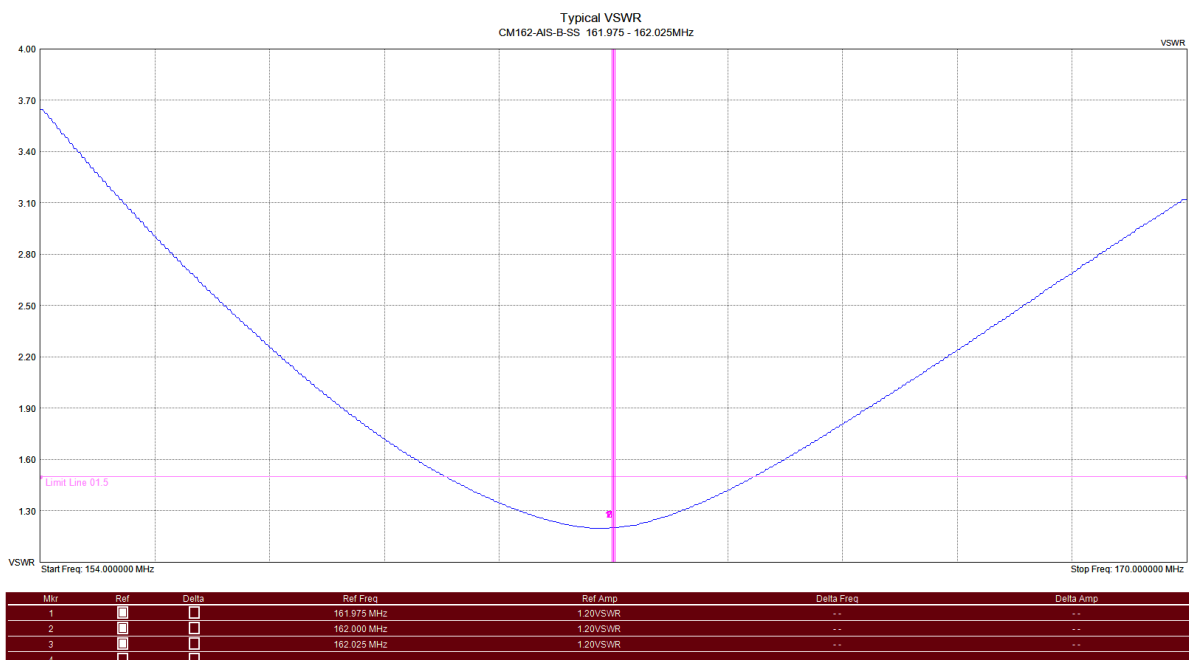


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Example radiation pattern



Typical VSWR





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