

PRA110 - 1m (3')  
Rugged professional marine VHF antenna with very compact dimensions.

# PRA110

**Professional VHF antenna**



**KEY POINTS**

- 3.1 dBi gain antenna
- Vertically polarized, vibration proof, lightweight, corrosion resistant antenna
- The antenna brass elements are protected by high quality and rugged fiberglass tube
- Developed with appropriate materials for withstanding harsh marine environmental conditions
- Each antenna metal element is DC-grounded for reducing the noise caused by atmospheric discharge
- Wide vertical irradiation plan for effective communication also when, because of boat rolling and pitching, the antenna is not perfectly vertical
- Integrated 1"x14 UNS stainless steel adaptor for an easy mounting
- N female termination

AVAILABLE FOR

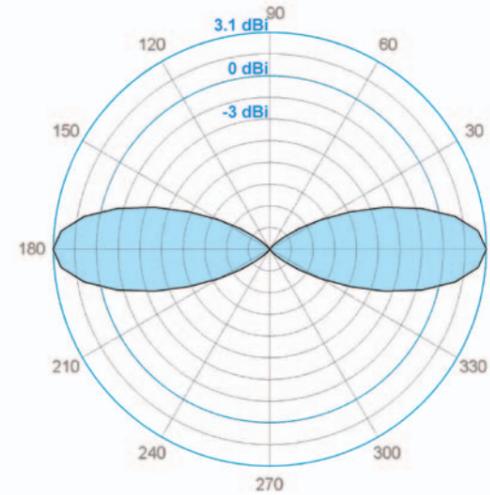
- Megayacht
- Merchant ship
- Barge
- Supply vessel
- Fishing boat



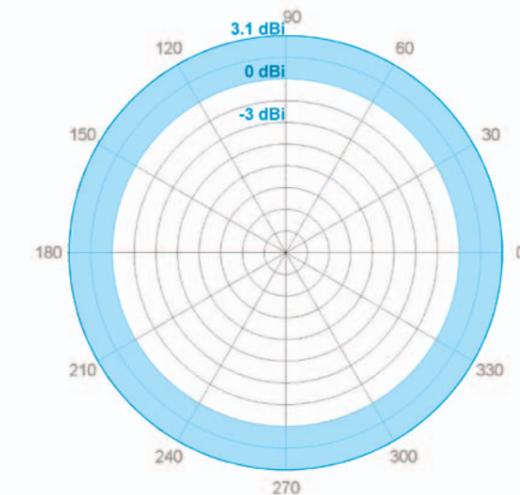
1"x14 UNS mounting thread

MECHANICAL SPECIFICATIONS		ELECTRICAL SPECIFICATIONS	
LENGTH	1m (3')	FREQUENCY RANGE	156 - 162 MHz
WEIGHT	770 g (27,16 oz)	NOMINAL IMPEDANCE	50 Ω
INSTALLATION	7/8" - 22mm	POWER RATING	100 Watt
TEMPERATURE RANGE	-40 / +60 °C	GAIN	3.1 dBi
WIND RATING	60 m/s	VSWR	≤ 1,3 at 156,8 Mhz
COLOUR	white	POLARIZATION	Vertical
MATERIAL	Fibreglass	TERMINATION	N female
MOUNTING	see below	DC-GROUND	Yes

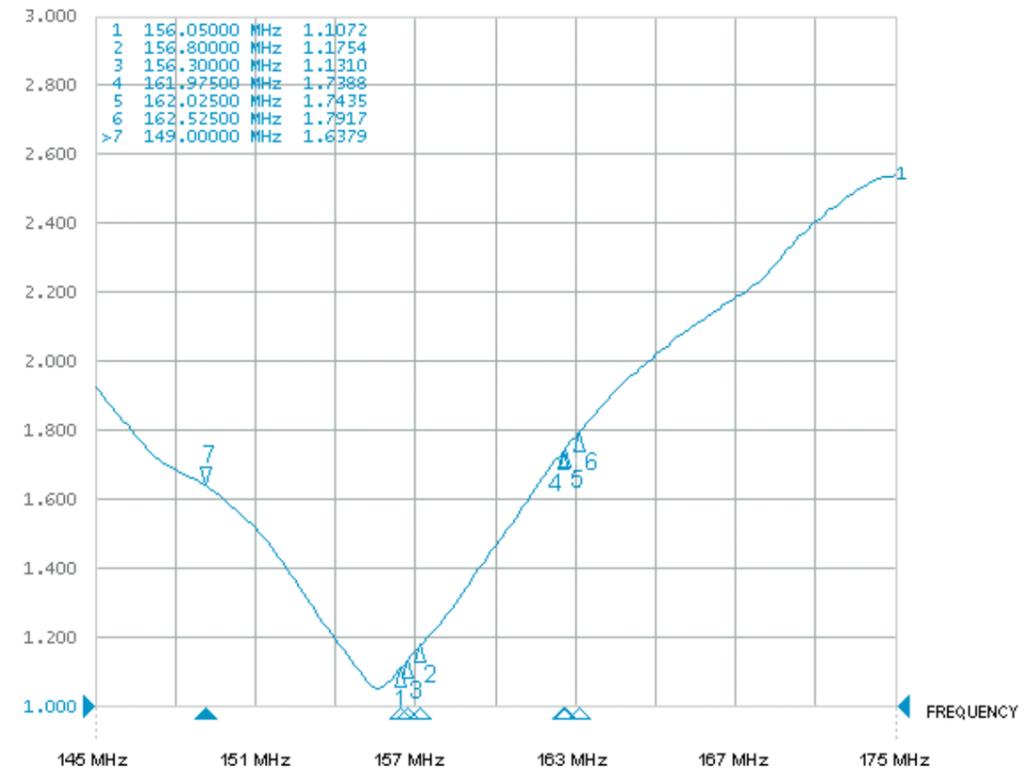
Typical Radiation Pattern E-Plane



Typical Radiation Pattern H-Plane



Typical SWR



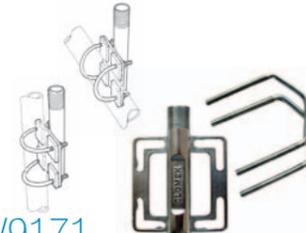
**Not included ACCESSORIES**  
see page 40 to 44



**RA158**  
N male nickel-plated connector for RG213



**RA118**  
RG213/U low loss twin screen coax cable



**V9171**  
electropolished stainless steel pipe mounting bracket for vertical or horizontal mounting. Thread 1"x14 UNS male



**V9173**  
electropolished stainless steel masthead bracket. Thread 1"x14 UNS male



**RA166/00**  
electropolished AISI316 stainless steel 4 way ratchet mount. Thread 1"x14 UNS male



**V9174**  
electropolished AISI316 stainless steel universal mount. Thread 1"x14 UNS male



**V9176**  
electropolished masthead L bracket. Thread 1"x14 UNS male