

PD55-5

Marine and Land Based VHF Antenna

PD55-5 is a high quality fibreglass omnidirectional antenna. The PD55-5 is manufactured in premium quality materials in order to prevent galvanic corrosion. The antenna ferrule fits 1"-14TPI thread mounts directly.

PD55-5 has been sold worldwide for more than four decades. The antenna is subject for improvement at all times. The antenna has the same rugged design as all other AC Antennas products thus it withstands harsh environmental conditions, both on sea and land.

Electrical specifications

Frequency range (MHz)	156.0-162.5
Nominal impedance (ohm)	50
VHF power rating (Watt).	100
Gain (dBd/Marine dB)	4.5/9
VSWR	< 1.5:1
Polarization	Vertical
Connector	6m/20ft RG58C/U Cable
DC-shortcd	Yes

Mechanical specifications

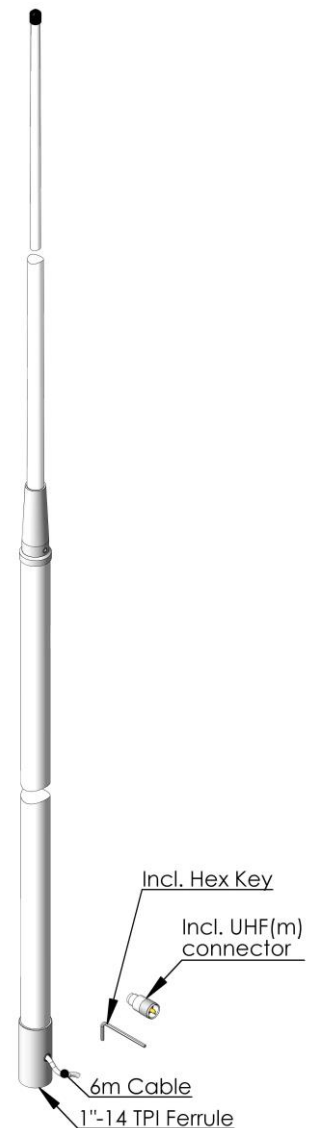
Length (m/ft)	5.8/19.0
Weight (kg/lbs)	2.5/5.5
Wind rating (m/s / mph)	45/101
Material	Fibreglass
Colour	White polyurethane lacquer
Temperature range (°C/°F)	-40 to +60 / -40 to +140
Ingress Protection	IP66

Mounting

No Mount included.

Recommended: N200F supporting the antenna radome must be ordered separately.

Can be used with all 1"-14 thread standard AC Antennas mounting equipment.



VSWR

Voltage standing wave ratio is a measure of the energy lost in the coax cable/antenna connection. The figure to the right shows VSWR measurement based on the average of a significant numbers of antennas. All antennas delivered by AC Antennas are tested and a VSWR less than 1.5 is guaranteed in the specified frequency range.

