



# Datasheet

## VHF105-03xL

### 3 dB VHF Fibreglass Antenna 1.0 m with fixed 10/20 m cable

- VHF antenna especially made for leisure boats
- Antenna with fixed cable (10 or 20 m)
- End-fed full  $1/2 \lambda$  dipole antenna design
- Full omni-directional radiation pattern
- No ground plane needed
- For mounting on US style brackets with 1"-14NF threaded stud

#### Electrical Specifications:

Frequency	156 - 162.5 MHz (International Maritime VHF-band)
Bandwidth	6.5 MHz
Impedance	50 ohm
VSWR	< 1.5
Polarization	Vertical
Gain	3 dB (Marine), 0 dBd, 2.1 dBi
Input Power	150 W

#### Ordering information

- 3208.0408 – VHF105-031L Antenna + 10m cable
- 3208.0408 – VHF105-032L Antenna + 20m cable

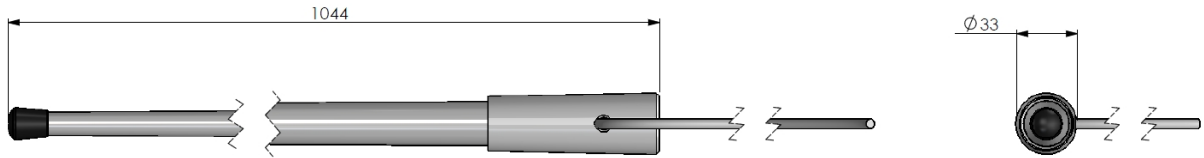
#### Mechanical Specifications:

Color	White
Height	Approx. 1050 mm
Weight	300 g (without cable)
Mounting	On brackets with 1"-14NF threaded stud (US style)
Mounting place	On mast or deck
Materials	PU-painted glass fibre, copper, PTFE, PE and chromed brass
Operating temperature	-40C to +70C
Connector	No connector supplied
Cable	10 or 20 m white RG58 cable
Ingress Protection	IP66
Serial no.	On product label

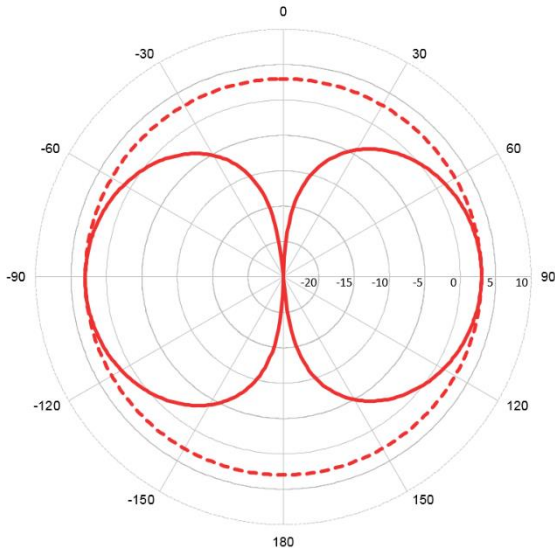
### Packaging information:

Type Individually packing in carton tube  
Size Approx. 1.1 m  
Weight 0.6 kg

### Outline drawing



### Radiation Pattern



### Typical VSWR

