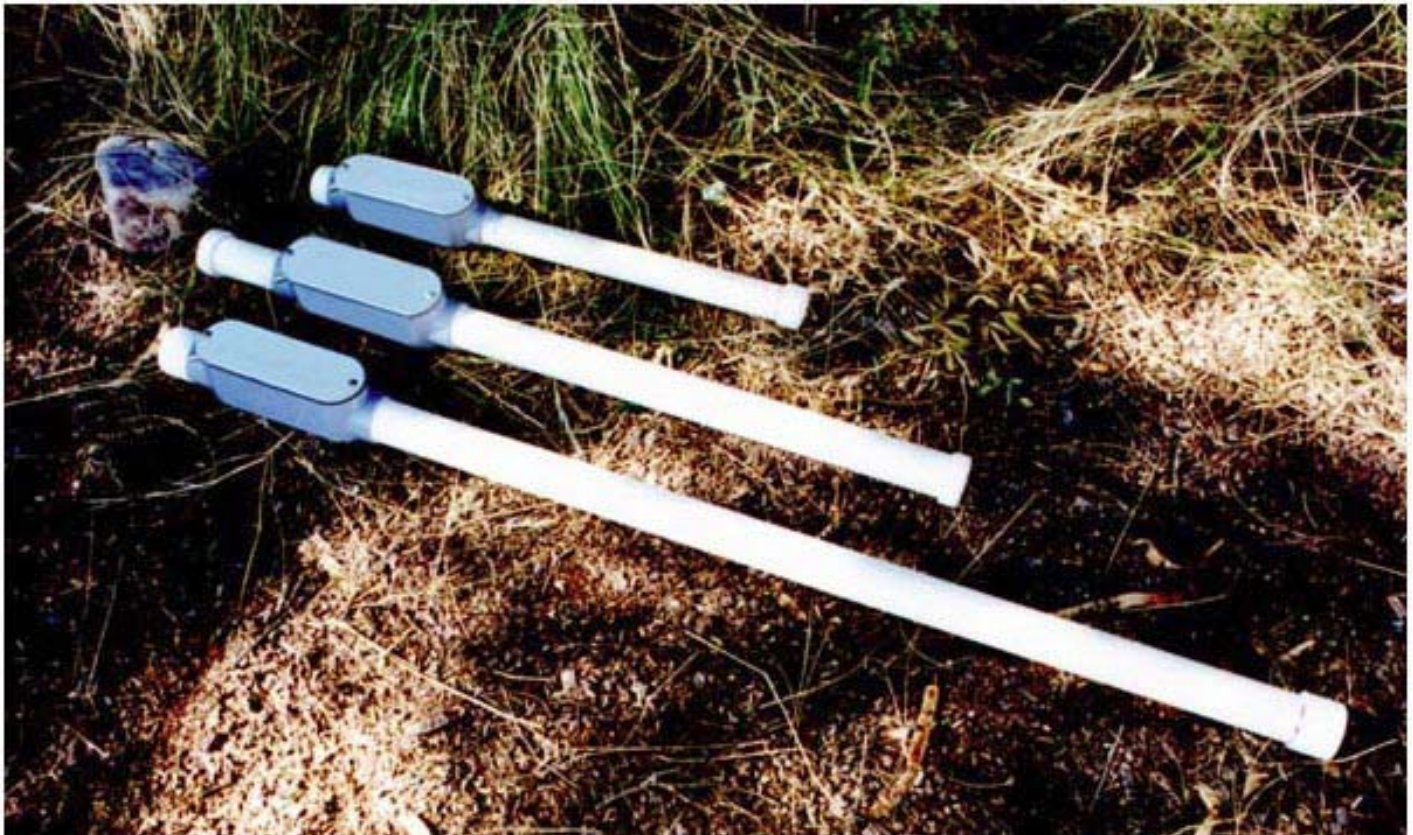


ANT/5, 6, 4 Magnetic Antennas



Description

The ANT/4, ANT/5 and ANT/6 magnetic field sensors are extremely low noise instruments. Using feedback amplifier technology and including carefully designed mu-metal cores, these antennas are each designed with specific purposes in mind. Each antenna is designed to be a highly flexible instrument, built to withstand the difficult conditions encountered in the field environment.

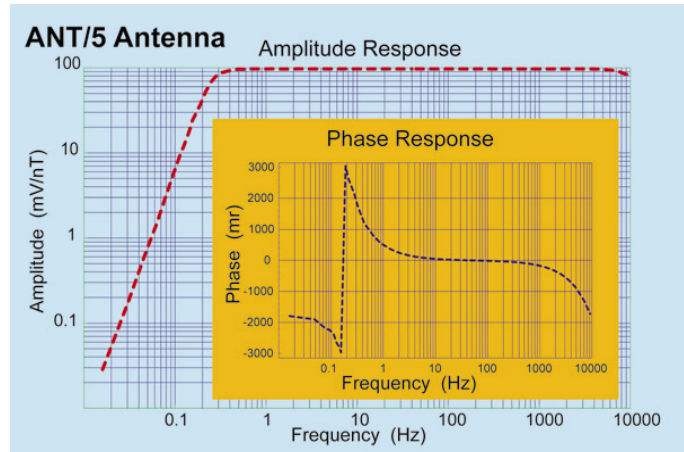
SPECIFICATIONS FOR THE ANT/5, 6, 4 MAGNETIC ANTENNAS

General

Power: Two internal 9V alkaline batteries
 Battery Life at 12 hours per day:
 Alkaline: 10 days
 Lithium: 20 days
 Carbon Zinc: 4 days (temporary use only)
 Core: mu-metal

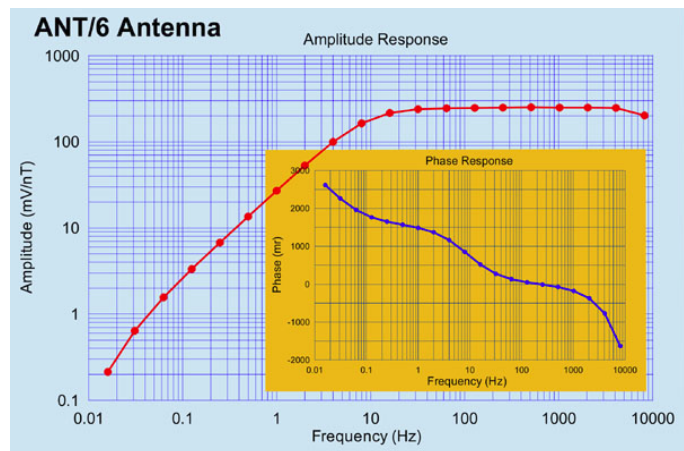
ANT/5 (smallest and lightest)

Length: 61.0 cm (24.5 in)
 Diameter: 3.6 cm (1.625 in)
 Weight: 1.5 kg (3.5 lb)
 Frequency Range: 0.25 – 10,000 Hz
 Sensitivity in Passband: 100 mV/γ (100 mV/nT)
 Noise Level:
 1200 μγ (1200 fT) per √Hz at 1 Hz
 20 μγ (20 fT) per √Hz nominal > 60 Hz
Application: CSAMT



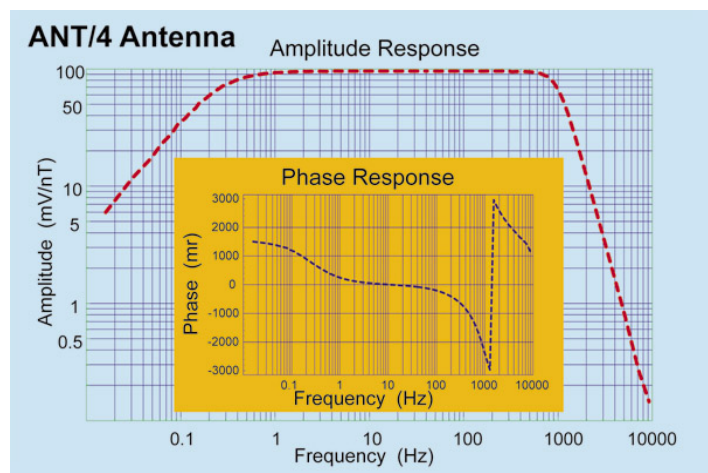
ANT/6

Length: 91.0 cm (36.0 in)
 Diameter: 4.8 cm (1.875 in)
 Weight: 3.2 kg (7.0 lb)
 Frequency Range: 0.1 – 10,240 Hz
 Sensitivity in Passband: 250 mV/γ (250 mV/nT)
 Noise Level:
 200 μγ (200 fT) per √Hz at 1 Hz
 1 μγ (1 fT) per √Hz nominal > 200 Hz
Application: MT / CSAMT



ANT/4

Length: 138.0 cm (54.0 in)
 Diameter: 4.8 cm (1.875 in)
 Weight: 6.2 kg (13.5 lb)
 Frequency Range: 0.0001 – 1000 Hz
 Sensitivity in Passband: 100 mV/γ (100 mV/nT)
 Noise Level:
 100 μγ (100 fT) per √Hz at 1 Hz
 20 μγ (20 fT) per √Hz nominal > 1 Hz
Application: MT



Specifications subject to change without notice # 01.09