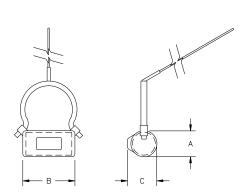
MATS ADVANCED TELEMETRY SYSTEMS

AVIAN NECKLACE

Series A4000





Technical Specifications

Transmitter type: Crystal controlled 2-stage

Calibration tolerance: $\pm 2.5 \text{kHz}$

Frequency stability: ±2.5kHz, -20°C to 40°C

Pulse rate and width: Typical on time 20ms, off time 1100MS (controlled by uC) Pulse rate variation: $0.01\%/\text{volt}, \pm 0.01\%$ for temperatures -20°C to +40°C

Battery: Lithium

Activation: By removing magnet

Encapsulation: Electrical resin, water-proof, specific gravity: 1.12

MODEL	BATTERY	BATTERY CAPACITY (days)		DIMENSIONS (mm)			WEIGHT ⁺ (grams)	PRICE GROUP
	3.5V	40 ppm	55 ppm	A	В	C		
A4050	1/2AA	654	502	16	27	22	18	С
A4060	2/3AA	787	603	16	36	22	22	С
A4070	2/3A	1102	845	18	36	24	26	С
A4080	AA	1416	1086	16	52	22	30	С

⁺Weight without necklace material. Add 1-2 g for necklace dependent on material and size.

Factors other than battery capacity may reduce life.

Warranty life is 50% of battery capacity, maximum of two years.