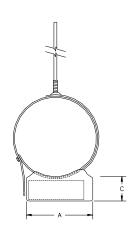
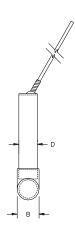
## MATS ADVANCED TELEMETRY SYSTEMS

## **MAMMAL COLLAR**

## Series M2200







## **Technical Specifications**

Transmitter type: Crystal controlled 2-stage ("B" sffix denotes 3-stage)

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

Frequency stability:  $\pm 2.5$ kHz, -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 <sup>+</sup> (grams)	PRICE GROUP
		40 ppm	55 ppm	A	В	C	D		
M2210	AA	1416	1086	62	17	23	19	85	D
M2210B	AA	540	400	62	17	23	19	90	D
M2220	С	4194	3215	62	30	35	25	160	Е
M2220B	С	1598	1185	62	30	35	25	160	Е
M2230B	D	3796	2816	75	37	42	25	190	Е

<sup>\*</sup>Weight for 5-ply neoprene + 3-ply antenna pocket. Other plys and materials also available.

Factors other than battery capacity may reduce life.

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