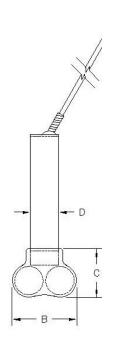
## MATS ADVANCED TELEMETRY SYSTEMS

## **MAMMAL COLLAR**

## Series M2300







## **Technical Specifications**

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

Calibration tolerance: ±2.5kHz

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%/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 SPECIFICATIONS |         |         |            |      |    |    |         |         |       |
|----------------------|---------|---------|------------|------|----|----|---------|---------|-------|
| Model                | Battery | Battery | Dimensions |      |    |    | Weight* | Price   |       |
|                      |         | (days)  |            | (mm) |    |    |         | (grams) | Group |
|                      | 3.5V    | 40 ppm  | 55 ppm     | Α    | В  | С  | D       |         |       |
| M2320                | AA      | 2833    | 2172       | 62   | 32 | 24 | 25      | 130     | D     |
| M2320B               | AA      | 1080    | 801        | 62   | 32 | 24 | 25      | 130     | D     |

<sup>\*</sup>Weight for 3-ply neoprene collar + 3-ply neoprene antenna pocket. Other plys, widths and material available. Wider and thicker collar material will increase transmitter weight.

Factors other than battery capacity may reduce life.

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

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