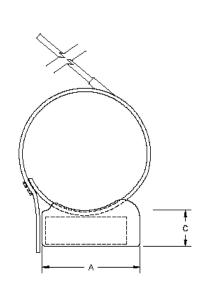
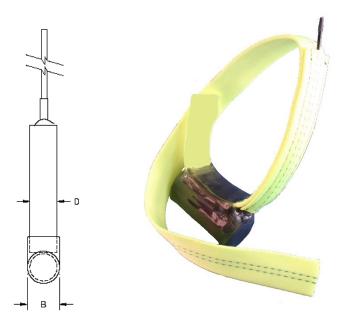
MATS ADVANCED TELEMETRY SYSTEMS

MAMMAL COLLAR

Series M2900





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 $+40^{\circ}\text{C}$

Battery: Lithium

Activation: By removing magnet

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

MODEL SPECIFICATIONS									
Model	Battery	Battery Capacity		Dimensions				Weight*	Price
		(days)		(mm)				(grams)	Group
		40 ppm	55 ppm	Α	В	С	D		
M2920	2/3AA	787	603	46	19	22	15	35	C
M2930	2/3A	1102	845	46	19	23	15	55	C
M2940	AA	1416	1086	62	19	23	15	58	C
M2940B	AA	540	400	64	21	23	15	60	C
M2950B	С	1598	1185	62	31	35	25	127	D
M2960B	D	3796	2816	75	37	42	25	202	Е

^{*}Weight for tubular nylon webbing collar.

Factors other than battery capacity may reduce life.

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

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