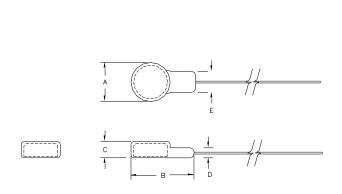


AVIAN SUBCUTANEOUS

Series A2800





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 1100 ms (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 |
|-------|---------|-------------------------|--------|--------|-----------------|----|---|---|----|----------------|----------------|
| | 3.0V | 30 ppm* | 40 ppm | 55 ppm | A | В | C | D | E | | |
| A2810 | 2016 | 79 | 52 | 40 | 23 | 40 | 4 | 6 | 14 | 6 | В |
| A2830 | 2032 | 195 | 129 | 99 | 22 | 37 | 9 | 6 | 14 | 7 | В |
| A2850 | 2354 | 495 ⁺ | 328 | 253 | 26 | 41 | 8 | 8 | 18 | 11 | В |

^{* 15} ms pulse width

Warranty life is 50% of battery capacity.

⁺Factors other than battery capacity may reduce life.