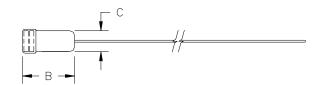
MATS ADVANCED TELEMETRY SYSTEMS

FISH IMPLANT

Series F1700





Technical Specifications

Transmitter type: Crystal controlled 2-stage

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

Frequency stability: $\pm 2.5 \text{kHz}$, -20°C to 40°C

Pulse rate and width: Typical on time 20ms, off time 1.1-2.0sec (controlled by uC) Pulse rate variation: $0.01\%/\text{volt}, \pm 0.01\%$ for temperatures -20°C to $+40^{\circ}\text{C}$

Battery: Silver Oxide

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	С		
F1710	379	16	9	7	7	18	7	1.4	В
F1720	377	27	16	12	8	20	7	2.0	В
F1730	392	44	26	19	9	23	7	2.5	В
F1740	393	75	45	33	9	28	7	3.4	В

^{* 15} ms pulse width

These are the smallest transmitters in our line that can be pulse coded.

Warranty life is 50% of battery capacity.