



3V PIN Battery Juvenile Salmon Acoustic Telemetry System Micro Transmitter

Developed to satisfy the regulatory requirements for juvenile salmon monitoring in the Columbia River Basin. The transmitters small size, high output power, and long life permits tracking with minimal impact. Compatible with Lotek WHS 4250 and WHS 4350 series and all other manufacturers hydrophone receivers as well as Lotek UMAP positioning software.

Options

- Output Power: High Power, Standard Power (158dBi), long life
- BI Interval 2s – 60s
- Scheduling Delay activation and transmit/sleep schedule available

Features:



Duty cycling

Small size and light weight

Cylindrical Form Factor

65,000 IDs, 744µs code length

Product Applications

Juvenile fish survival studies through hydro-electric projects, juvenile fish behavior in the vicinity of guidance structures, fish behavior in reaction to anthropogenic disturbance.

JSATS PinTag			
Weight in air (g)	0.22		
Size (ØxL) (mm)	3.4 x 15		
Estimated Life (days)	High Power	Standard Power	Long Life
2s interval	22	38	53
5s interval	45	70	90
10s interval	71	98	116
20s interval	99	123	137
60s interval	135	149	155

All tag specifications are subject to typical manufacturing tolerances of $\pm 3-5\%$

Features and specifications subject to change without notice.

Technical specifications:

Frequency/Codeset: 416.7 kHz JSATS

Coating: Parylene C

Warranty

JSATS PinTags are warrantied to be free of defects in materials and workmanship under Normal Use for a duration of 50% of Estimated Life. For Warranty terms and conditions, please review our [Warranty Statement](#).