

MicroEel Analog Seismic Solid Streamer

- Available in 1 to 24 channel configurations
- State-of-the-art, low noise, high sensitivity polymer hydrophones provide stable, accurate response
- 12 inch (31cm) bend radius winds easily on small winches
- Extremely lightweight, deploys easily by hand
- Proprietary flotation survives abrasive environments, proven performance in polar regions
- 1.1” (28mm) diameter design makes for easy shipping, deployment and retrieval
- Unique design isolates vibration and suppresses ship and towing related noise
- Compatible with Geode seismograph

Stable response under wide temperature and pressure environments. Easy balancing in a wide range of salinities. No hazardous and costly liquid floatation. Easy transport on commercial airlines without hazardous goods hassles. The solid streamers have the performance and reliability that allow you to stay out longer, have less down time and collect data where other streamers cannot go. Each hydrophone is calibrated individually, so you can prove to your client, and yourself, that there is no better way to collect data and get the job done.

Hydrophones

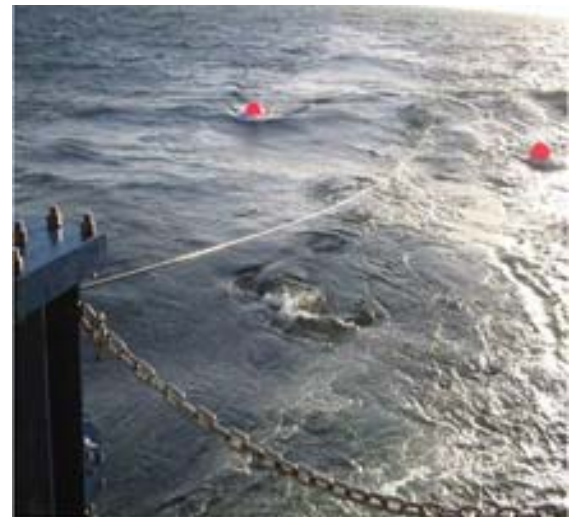
- Sensor type: Proprietary Polymer
- Sensors per group: Up to 10
- Frequency response: 10 Hz to 10,000 Hz \pm 3.0 dB
- Group Capacitance: 5 nF per element at 22°C
- Sensitivity: -197 dB re 1 Volt per 1 μ Pa
- Sensitivity with depth: < -70 dB re 1 V/G
- Sensitivity with acceleration: < -70 dB re 1 Volt per g
- Operating maximum: 35 m (or 114.8 ft)

Preamplifier

- Type: Ultra-low noise differential
- Gain: 2 dB
- Current: 10 mA per channel
- Power: \pm 12V DC Battery Pack on deck

Lead-In Cable

- Type: Multi-conductor with polyurethane jacket
- Lead-in buoyancy: Negative in fresh water
- Streamer Lead-In Length: 1-200 m
- Termination: Topside: Y-type with one 61-socket connector(s), one 4-pin connector
- Strength member: Kevlar center stress core
- Outside diameter: 13.5 mm (0.53 in) - 24 channel may be larger
- Weight:
 - 12 channels: 0.12 kg per m (0.08 lbs per foot)
 - 24 channels: 0.15 kg per m (0.10 lbs per foot)
- Bend radius: (12 in)
- Working load: 273 kg (600 lbs)
- Breaking strength: 909 kg (2,000 lbs)



Active section

- Floatation material: Polyurethane based
- Channels: 12 or 24 standard; other counts available*
- Group Interval: 1 to 5 m (or 3 to 15 ft) standard; other intervals available with a minimum of 0.5 m (or 18 in)
- Hydrophones per Group: Customer defined
- Outside diameter (hydrophone): 28 mm (1.1 in)
- Length (hydrophone): 30.5 cm (12 in)
- Weight (hydrophone): 0.16 kg (0.35 lbs)
- Bend radius: 22.9 cm (9 in)

Temperature

- Operating range: -10°C to +70°C
- Storage range: -40°C to +70°C