Hydrophone Array

- **Only 43 mm (1.7 in) diameter** - Fits in any borehole.
- **Channels**: 12, 24, 48 (other counts available).
- **Hydrophone interval**: 1 to 5 m (3 to 15 ft) standard (other intervals available).
- **Connector**: To any seismograph.
- **Operational depth**: Up to 500 m.
- **Light weight**: 24 hydrophones spaced at 1 m with 120 m lead-in weighs about 34 kg.

HYDROPHONE

Sensor type: Proprietary Polymer.

Sensors per group: One.

Frequency response: 1Hz to 10kHz±1.0db

Preamplifier Type: low noise differential.

Operational depth: up to 150 m (492 ft).

CABLE

Type: Multi-conductor (polyurethane jacket).

Strength member: Kevlar center core.

Outside diameter: 10.5 mm (0.41 in).

Weight

12 channels: 0.10 kg/m (0.07 lb/ft).

24 channels: 0.12 kg/m (0.08 lb/ft).

Bend radius: ≥8.4 cm (3.3 in).

ACTIVE SECTION

Channels: 12, 24 or 48 standard; other counts available.

Group Interval: 1 to 5 m (3 to 15 ft) standard; other intervals available.

Outside diameter (hydrophone): 43 mm (1.7 in).

Length (hydrophone): 24 cm (9.45 in).

Weight (hydrophone): 0.6 kg (1.32 lb).

TEMPERATURE

Operating range:

-10˚C to +70˚C (+14ºF to +158˚ F).

Storage range:

-40˚C to +70˚C (-40˚F to + 158˚F).