DHH -2 Downhole Hydrophone

Avalon Sciences Ltd



Main Features

• The DHH-2 downhole hydrophone is part of the GeochainSlim system. The DHH-2 is designed to fit anywhere within an analogue system. The tool utilises an inline GO-7 style coupling and can be used in conjunction with a gamma tool to provide depth correlation. The DHH-2 system can be modified to be tractor compatible.

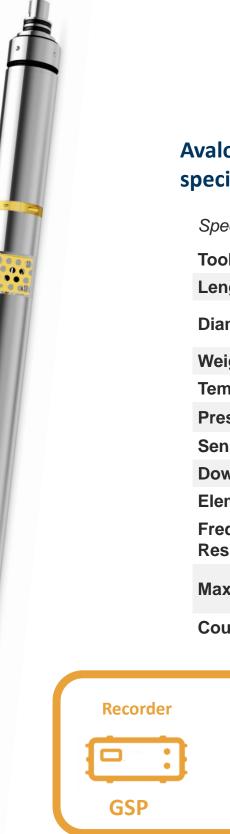
Functionality

- Downhole hydrophones measure the acoustic noise of the fluid within the well. They can be used in a tool string to receive signals transmitted from the surface, to monitor seismic signals that create pressure waves in the well, or other such downhole monitoring.
- The DHH-2 is commonly used in Analogue tool strings and a digital version of the DHH-2 is in development. The DHH-2 uses up an equivalent GSR sensor pack VZ/HX/HY channel, thus allowing Gamma tools to be run in parallel using line 7.





LEADERS IN BOREHOLE SEISMIC TECHNOLOGY



Avalon Downhole hydrophone specification table

| | Specifications | DHH-2 |
|----------|-----------------------|--------------------|
| | Tool system | GSR |
| | Length | 25" (635mm) |
| | Diameter | 1 11/16" (43mm) |
| | Weight | 18lbs (8 kg) |
| | Temperature | 400°F (205°C) |
| | Pressure | 10,000 psi |
| | Sensitivity | 71 V/bar |
| | Downhole Gain | 20dB |
| | Element | 8.9 V/Bar |
| | Frequency Response | 10-1600Hz |
| | Max Sample Rate | 250 us |
| | Coupling Type | Go-7 |
| | Analogue | |
| Recorder | Panel | |
| | ::=: | SURFACE PANELS |
| | | |

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