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.

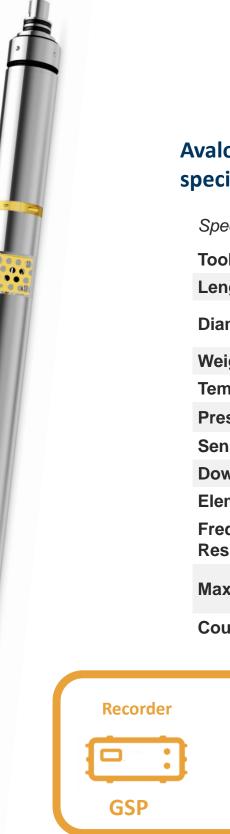
### Functionality

- 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.





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# 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

DCP

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