

GeochainSlim Quad Sensor Pack



Main Features

- Ideal for **VSP & Microseismic** surveys.
- Four geophones per axis.
- Fits GeochainSlim tools.
- Greater signal to noise ratio.

Functionality

- Ideal for use with high gain 54dB digitisers.
- Overall sensitivity 86,350 V/m/s at 20°C.
- Ideal for use in slim hostile wells.
- Operating temperature up to 200°C.

	Electronics	Damping Resistors	Downhole Gain	Sensitivity undamped V/m/s	Sensitivity damped V/m/s	Overall Sensitivity V/m/s	Damping 20°C
Quad		47KΩ	54dB	208	172.7	86350	0.7



COMPATABLE WITH

LEADERS IN BOREHOLE SEISMIC TECHNOLOGY

Omni 2400Ω Geophone

Optimum Orientation	Horizontal
Operational Range	0° to 180°(Omni)
<i>Natural Frequency (Fn)</i>	
Optimum Orientation	15 Hz +/- 5%
Operational Range	15 Hz - 5% to +15%
<i>Coil Excursion P-P</i>	
Optimum Orientation	>0.120 in, >.306 cm
Operational Range	>0.022 in, >.051 cm
<i>Spurious Frequency</i>	250 Hz
<i>Resistance</i>	2400Ω +/-5% per transducer
<i>Sensitivity</i>	
At Optimum Orientation	86350 V/m/s +/- 5%
At Operational Range	86350 V/m/s -15% to +5% at 20°C
<i>Open Circuit Damping</i>	
Optimum orientation	0.57 +/-15%
Operational Range	0.57 -20% to +10%
<i>Moving Coil Mass</i>	7.6 gr +/- 5%
<i>Distortion</i>	
Optimum Orientation	<0.20%
Operational Range	<0.70%
<i>Storage Temperature</i>	-40°F to 212 °F (-40 to +100°C)
<i>Operating Temperature</i>	-40°F to 392+°F (-40 to +200+°C)
<i>Geophone Dimensions:</i>	
Weight	49 gr
Diameter	2.22 cm
Height	2.70 cm (3.00 cm Including Terminals)

