

Geophone SeisCable



M-225
2.4" OD



M-180
1.8" OD



1C or 3C Geophone Borehole Cable

- Specially designed for high-resolution permanent or retrievable borehole seismic acquisition.
- Sensor pods are molded in-line to cable, providing connector-less cable.
- Ideal for high-resolution engineering seismology, near surface geophysical borehole data recording, and permanent microseismic monitoring applications.

Geophone SeisCable

The Geophone SeisCable, a multi-level borehole cable, may be configured with a 1-component geophone, or 3-component geophones. 1C or 3C sensor pods are molded in-line directly to multi-conductor twisted-pair cable. The geophone elements are sealed in a metal housing, providing resistance to borehole hydrostatic pressure.

Specially designed borehole cables feature water-blocking filler to minimize water intrusion, and a center Kevlar strength member for vertical borehole deployment and retrieval.

GENERAL SPECIFICATIONS

Type of Geophone	M-225 OMNI 2400 two in series	M-180 GS-14-LS two in series
Sensitivity	2.04 V/in/sec	0.82 V/in/sec
Natural Frequency	15 Hz	24 Hz
Damping	68%	40%
DC Resistance	4,110 Ω	3,963 Ω
Maximum Temperature Rating	70° C	70° C
Maximum Operating Pressure	2,000 psi	2,000 psi

SENSOR POD DIMENSIONS

Diameter	6.0 cm (2.4 in.)	4.6 cm (1.8 in.)
Length	37.1 cm (14.6 in.)	24.1 cm (9.5 in.)
Number of Sensor Pods	customer specified up to 96 each 1C levels or 32 each 3C levels	

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