



GeoSpectrum Technologies Inc.

Customizing Detection

M2C

The M2C is an electrical equivalent of the T2® hydrophone. The output of the M2C is stable with depth, temperature and time.



Receive Characteristics

Voltage sensitivity (1 kHz)	-194 ± 1.5 dBV re 1μPa
Capacitance (1 kHz and 20 °C)	16 nF ± 20%
Charge sensitivity	320 nC/bar
Frequency response	1 Hz to 4 kHz (flat within ± 1.5 dBV)

Mechanical Characteristics

Size (length, width, thickness)	28.5 mm, 25.4 mm, 8 mm
Weight	10 grams
Operating depth	100 m
Operating and storage temperatures	-40 to +70 °C
Leads	Red and blue Hytrel, 28 gauge.
Electrical resistance between leads	> 1GΩ @ 20 °C and 50% humidity
Waterblocked	Yes
Fluid compatibility	Isopar