GS-32CT

Close Tolerance High Spurious Geophone
Spurious response greater than 250 Hz for extended clean band width

– Full compatibility with GS-20DX and GS-30CT geophones
– Typical string distortion less than .03% (12 series, damped .70)
– High sensitivity option available

This product has a 3 year warranty.

Spec Sheet:

GS-32 CT Specifications

Description	Specification @ 25°C	Tol +/-
Natural Frequency (Fn):	10 Hz	2.5%
Coil Excursion P-P	> .040 in, > .102 cm MIN	
	> .060 in, > .152 cm MAX	
Clean Band Pass (Spurious Response)	> 250 Hz (Typical)	
DC Resistance (DCR)	395 ohms	2.5%
Intrinsic Voltage Sensitivity (G)	.698 V/i/s, .275 V/cm/s	
Open Circuit Damping (Bo)	.316	
Damping w/1000 ohm Shunt	.70	2.5%
Sensitivity @ 70% Damping	.500 V/in.s, .197 V/cm/s	2.5%
Moving Mass (M)	.395 oz., 11.2 g	2.5%
Harmonic Distortion		
With coil to case velocity of 0.7 in/sec (1.8 cm/sec) P-P @ 12 Hz	<0.10%	
String, 12 series, damped 0.70	<0.03% (Typical)	
With coil to case displacement of 0.0093 in (0.0236 cm) P-P @ 10 Hz	<0.20%	
Dimensions		
Weight	3.03 oz., 86 g	
Diameter	1.00 in., 2.54 cm	
Height (less stud & terminals)	1.30 in., 3.30 cm	
Operating and Storage Temperature	-45 to +100 degrees C	

Specifications are subject to change without notice.